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62.21 Index

The Shenandoah Nurseries

(LAKES)

Shenandoah, Iowa

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FALL
WHOLESALE TRADE LIST

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OCTOBER 28, 1955

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ORDER TODAY
LONG DISTANCE PHONES
406 - 407

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR OVER 84 YEARS

1870 1955

TERMS AND CONDITIONS OF SALE

TERMS—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses (except patented roses), Vines, PERENNIALS (including PEONIES and LILIES). FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP.

300 or more take 1000 rates where published.
30 to 300 take 100 rates.
Under 30 take 10 rates.

All grades and varieties in any one class (except Patented Varieties) are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and ALL SEEDLINGS
300 of same variety and grade take 1000 rates.
Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED
30 trees (any assortment) take 100 rates.
Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS
300 or more bulbs (not less than 50 of any one variety) take 1000 rates.
Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

NOTICE—The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility.

ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—For any cause must be made promptly upon receipt of goods. We will not entertain claims after goods have been once accepted, or when report is not made in writing within ten days after arrival of stock.

GUARANTEE—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.

THE SHENANDOAH NURSERIES

D. S. LAKE, President

PRICE CORRECTION ON DWARF APPLE, Page 3
(Except Delcon)

	Per 10
9/16 to 11/16 in.	$ 17 50
7/16 to 9/16 in.	15 00
5/16 to 7/16 in.	12 50

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.
All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle

APPLE AND FRUITING CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.	$ 8 00	$ 75 00	$700 00
Standerd First Class, 4 ft. and up, 9/16 to 11/16 in.	7 00	65 00	600 00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.	5 50	50 00	450 00
Standard First Class, 3 ft. and up, 5/16 to 7/16 in.	4 20	36 00	320 00
Standard First Class, 5 ft. and up, 7/8 in. and up	8 50	80 00	------

S. Summer; F. Fall; W. Winter.

Anoka	**S**	**Red Striped**	**McIntosh Early**	**F&W**	**Red**
Baldwin	**W**	**Red**	**McIntosh Dark Red**	**W**	**Red**
Beacon	**S**	**Dark Red**	**Maiden Blush**	**F**	**Yellow**
Cortland	**W**	**Red Striped**	**Melba**	**S**	**Red**
Delicious Dark Red	**W**	**Red**	**Minjon**	**W**	**Dark Red**
Delicious Yellow	**W**	**Yellow**	**Monroe**	**W**	**Red**
Dolgo Crab	**F**	**Red**	**Northern Spy**	**W**	**Red**
Duchess Dark Red	**S**	**Red**	**N. W. Greening**	**W**	**Green**
Early Harvest	**S**	**Yellow**	**Prairie Spy**	**W**	**Red**
Fameuse	**W**	**Red Striped**	**Red June**	**S**	**Red**
Fireside	**W**	**Red**	**Roma Beauty Red**	**W**	**Red**
Grimes Golden	**W**	**Yellow**	**Staymen Dark Red**	**W**	**Red**
Haralson	**W**	**Red**	**Tolman Sweet**	**W**	**Yellow**
Hawkeye Greening	**W**	**Green**	**Turley**	**W**	**Red**
Hibernal	**F**	**Red Striped**	**Victory**	**F**	**Dark Red**
Hyslop	**F**	**Deep Crimson**	**Virginia Crab**	**F**	**Red Striped**
Idared	**F**	**Red**	**Wealthy**	**F**	**Red**
Ingram	**F**	**Red**	**Whitney Crab**	**F**	**Red Striped**
Joan	**F**	**Red**	**Winesap Crimson**	**W**	**Red**
Jonathan Dark Red	**W**	**Red**	**Yellow Transparent**	**S**	**Yellow**
Lodi	**S**	**Yellow**			

APPLE — WHIPS

Sturdy trees, graded by height as well as caliper.

	Per 10	Per 100
4 to 5 ft.	$ 5 50	$ 50 00
3 to 4 ft.	4 50	40 00
2 to 3 ft.	3 50	30 00

Varieties as listed above.

QUINTUPLET APPLE

Shenandoah Grown

Dormant budded to the following varieties:

Grimes Golden — Red Delicious — Stayman Dark Red
Jonathan Dark Red — Yellow Transparent

	Per 10	Per 100	Per 1000
Three Years, 9-16 in. and up	$16 50	$150 00	$------

DWARF APPLE

	Per 10	Per 100
9/16 to 11/16 in.	$10 00	$ 75 00
7/16 to 9/16 in.	8 00	65 00
5/16 to 7/16 in.	5 00	35 00

Delcon — McIntosh Dark Red
Delicious Red — McIntosh Early
Delicious Yellow — Staymen's Winesap
Jonathon Dark Red — Yellow Transparent

METEOR CHERRY No. 66

One Year

Similar to Montmorency in size. Introduced 1950 by Minn. Agri. Experimental Station. Exceptionally hardy. Strong and vigorous grower. Fruit large attractive clear light bright red; the skin is thin and tender. Flesh light bright yellow, medium firm and medium juicy.

	Per 10	Per 100
11/16 in. and up	$11 00	$100 00
9/16 to 11/16 in.	10 00	90 00
7/16 to 9/16 in.	7 50	70 00

DWARF RICH CHERRY

Very bushy dwarf tree bearing bright red fruit of fine flavor and medium size. Extremely hardy. Also attractive ornamental tree as it is a solid mass of white flowers in early spring. 4 to 5 feet.

	Per 10	Per 100
2 to 3 ft.	$11 00	$100 00
18 to 24 in.	9 00	80 00

FRUIT-MOR-ENCY

This vastly improved strain of Montmorency was developed in Fruitland, Idaho. The outstanding characteristics of this strain are its semi-dwarf habit of growth and the larger fruit which is produced more abundantly than other strains.

Two Year on Mahaleb

	Per 10	Per 100
3½ ft. and up 11/16 and up	$12 00	$110 00
3 ft. and up 9/16 to 11/16 in.	10 00	95 00
2½ ft. and up 7/16 to 9/16 in.	8 50	80 00

CHERRY — SOUR

Two Year on Mahaleb

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$11 00	$100 00	$900 00
3½ ft. and up, 9/16 to 11/16 in.	9 00	85 00	800 00
3 ft. and up, 7/16 to 9/16 in.	7 50	70 00	650 00
5 ft. and up, 1 in. and up	12 00	110 00	------

Early Richmond **English Morello** **Montmorency**

CHERRY — SOUR

One Year on Mahaleb

	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 and up	$11 00	$100 00	$900 00
3 ft. and up, 9/16 to 11/16 in.	9 00	85 00	800 00
2½ ft. and up, 7/16 to 9/16 in.	7 50	70 00	650 00
2 ft. and up, 5/16 to 7/16 in.	6 00	55 00	500 00

Early Richmond **Montmorency**

CHERRY — SWEET

One and Two Year

Please specify age desired.

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, mostly branched	$14 00	$125 00	$1100 00
4 ft. and up, 9/16 to 11/16 in., mostly branched	11 00	100 00	900 00
3 ft. and up, 7/16 to 9/16 in., whips and lightly br.	8 50	80 00	750 00
2½ ft. and up, 5/16 to 7/16 in., mostly whips	6 00	55 00	500 00

Lambert	**Purple Red**
Napoleon	**Yellow**
Schmidt's	**Deep Black**
Windsor	**Brown**
Yellow Glass	**Yellow**
Yellow Spanish	**Yellow**

HANSEN BUSH CHERRY—See Prunus Besseyi Improved, Page 15

PEAR—DWARF

	Per 10	Per 100	Per 1000
Two Years, 7/16 to 9/16 in.	$ 7 50	$ 70 00	$------
Two Years, 5/16 to 7/16 in.	5 00	45 00	------

Bartlett **Clapps Favorite** **Kieffer** **Seckel**
Duchess d' Angouleme

PEACH—One Year

	Per 10	Per 100	Per 1000
4 ft. and up 9/16 to 11/16 in.	$ 6 50	$ 60 00	$------
3 ft. and up, 7/16 to 9/16 in.	5 00	45 00	------
2 ft. and up, 5/16 to 7/16 in.	3 80	33 00	------

Belle of Georgia	**Midseason**	**Indian Cling**	**Late**
Champion	**Midseason**	**J. H. Hale**	**Midseason**
Early Elberta	**Midseason**	**Osage**	**Early**
Ea. Elberta-Sullivan's	**Early**	**Polly**	**Midseason**
Elberta	**Midseason**	**Red Haven**	**Early**
Golden Jubilee	**Early**	**Rochester**	**Early**
Hale-Haven	**Early**	**Southhaven**	**Early**
Heath Cling	**Late**	**Valiant**	**Early**

FERTILE HALE PEACH

Patent No. 175

An improved Hale type peach which is self fertile requiring no cross pollination. Hardier and more vigorous than J. H. Hale or Elberta. Fruit is yellow with deep carmine blush, ripens with last of Elbertas. An outstanding commercial variety. Frequently brings premium market prices. Excellent shipper.

	Per 10	Per 100	Per 1000
3 ft. and up, 7/16 to 9/16 in.	$ 5 50	$ 50 00	$450 00
2 ft. and up, 5/16 to 7/16 in.	4 50	40 00	350 00

Suggested retail price 10c per tree higher than unpatented varieties

APRICOT—One Year

(On Peach Roots)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$11 00	$100 00	$------
4 ft. and up, 9/16 to 11/16 in.	9 00	85 00	------
3 ft. and up, 7/16 to 9/16 in.	7 00	65 00	------
2 ft. and up, 5/16 to 7/16 in.	5 00	45 00	------

Ea. Golden **Manchu**

PLUM

EUROPEAN and JAPANESE

(On Myrobolan)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 9 00	$ 85 00	$800 00
4 ft. and up, 9/16 to 11/16 in.	8 00	75 00	700 00
3 ft. and up, 7/16 to 9/16 in.	6 50	60 00	550 00
2 ft. and up, 5/16 to 7/16 in.	4 50	40 00	350 00

Abundance	**Red**	**Red June**	**Red**
Burbank	**Red**	**Reine Claude**	**Green**
Fellenberg	**Green**	**Shropshire Damson**	**Blue**
German Pruune	**Blue**	**Stanley Prune**	**Blue**
Green Gage	**Green**	**Yellow Egg**	**Yellow**
Lombard	**Purplish Red**		

PLUM—One Year

AMERICAN and HARDY HYBRIDS

(On Native Roots)

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 9 00	$ 85 00	$800 00
4 ft. and up, 9/16 to 11/16 in.	8 00	75 00	700 00
3 ft. and up, 7/16 to 9/16 in.	6 50	60 00	550 00
2 ft. and up, 5/16 to 7/16 in.	4 50	40 00	350 00

Allred	**Red**	**Redcoat**	**Red**
Ember	**Yellow Red Blush**	**Sapa**	**Purple**
Hanska	**Red**	**Superior**	**Red**
Kahinta	**Red**	**Toka**	**Red**
Opata	**Reddish Purple**	**Underwood**	**Red**
Pipestone	**Red**	**Waneta**	**Red**

NECTARINE

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$11 00	$100 00	$------
3½ ft. and up, 9/16 to 11/16 in.	9 00	85 00	------
3 ft. and up, 7/16 to 9/16 in.	7 00	65 00	------
2 ft. and up, 5/16 to 7/16 in.	5 00	45 00	------

Sure Crop Hunter

CURRANTS

Tied, No. 1, 25; No. 2, 50 per Bundle

	Per 100	Per 1000
Cherry, dark red, 2 yr. No. 1	$16 00	$140 00
Cherry, dark red, 2 yr. No. 2	12 00	100 00
Red Lake, the light red berries are in long clusters; thrifty and extremely productive.		
2 yr. No. 1	18 00	160 00
2 yr. No. 2	14 00	120 00

GOOSEBERRIES

Tied 25 per Bundle

	Per 100	Per 1000
Houghton, dark red, 2 yr. No. 1	$25 00	$220 00
Houghton, dark red, 2 yr. No. 2 or 1 yr. No. 1	20 00	180 00
Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.		
2 yr. No. 1	35 00	------
2 yr. No. 2 or 1 yr. No. 1	25 00	------

BLACKBERRIES

Tied 25 per Bundle

	Per 100	Per 1000
Alfred, No. 1 Early, large fruit, long bearing	$ 5 60	50 00
Ancient Briton, No. 1 An old standby	6 00	55 00
Early Harvest, No. 1. Very early. Good for marketing	6 00	55 00
Eldorado, No. 1. Early midseason. Excellent quality	5 60	50 00

RASPBERRIES

Tied 25 per Bundle

	Per 100	Per 1000
Bristol, black tips	$ 7 50	$ 65 00
Cumberland, most widely planted blackcap raspberry. Tips	6 50	60 00
Indian Summer, (Red Everbearing), a superior new everbearing variety; large, of high quality. No. 1 Suckers	9 00	85 00
Latham, a large productive red variety, always in demand. No. 1 Suckers	8 00	75 00
Morrison, a new blackcap, much larger than Cumberland. Vigorous, disease resistant. Tips	7 50	65 00
New Sunrise, one of the newer red varieties, firm, juicy fruit, early. No. 1 Suckers	8 00	75 00
Sodus, a new, very large, drought-resistant purple raspberry, possibly most productive of all raspberries. No. 1 Tips	8 00	70 00

GRAPE VINES

Tied, 2 yr. No. 1, 50; 2 yr. No. 2, 100 Bundle.

	Per 100	Per 1000
Agawam, red, 2 yr. No. 1	$18 00	$150 00
Agawam, red, 2 yr. No. 2 or 1 yr. No. 1	14 00	120 00
Beta, Black, 2 yr. No. 1	18 00	150 00
Beta, Black, 2 yr. No. 2 or 1 yr. No. 1	14 00	120 00
Caco, red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
2 yr. No. 1	22 00	200 00
2 yr. No. 2 or 1 yr. No. 1	18 00	160 00
Concord, black, 2 yr. No. 1	16 00	140 00
Concord, black 2 yr. No. 2 or 1 yer. No. 1	14 00	110 00
Delaware, red, 2 yr. No. 2 or 1 yr. No. 1	18 00	160 00
Fredonia, earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
2 yr. No. 1	18 00	150 00
2 yr. No. 2 or 1 yr. No. 1	14 00	120 00
Golden Muscat, large golden grape of California type; very sweet; large bunches. Hardy in Middle West.		
2 yr. No. 1	60 00	------
2 yr. No. 2 or 1 yr. No. 1	50 00	------
Moore's Early, black, 2 yr. No. 1	18 00	160 00
Moore's Early, black, 2 yr. No. 2 or 1 yr. No. 1	15 00	130 00
Niagara, white, 2 yr. No. 1	18 00	150 00
Niagara, white, 2 yr. No. 2 or 1 yr. No. 1	14 00	120 00
Portland, earliest white grape, very productive and hardy. Bunches and berries are larger than any other grape.		
2 yr. No. 1	22 00	200 00
2 yr. No. 2 or 1 yr. No. 1	18 00	160 00
Sheridan, black, ripens one week later than Concord; better flavor; an excellent keeper.		
2 yr. No. 1	22 00	------
2 yr. No. 2 or 1 yr. No. 1	18 00	------

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Martha Washington, 2 yr. No. 1	$ 2 50	$ 22 00
Asparagus, Martha Washington, 1 yr. No. 1	1 80	15 00
Boysenberry Tip plants	6 50	60 00
Boysenberry, Thornless tip plants	7 00	65 00
Dewberry Lucretia, R. C. plants No. 1	5 00	45 00
Horseradish, Crowns	6 50	60 00
Horseradish, Cuttings	3 50	30 00
Rhubarb, Victoria, Whole Roots, 2 yr. 1 to 1½ in.	6 50	60 00
Rhubarb, Victoria, Whole Roots, 1 yr. ⅝ to 1 in.	5 00	45 00
Rhubarb, Victoria, Whole Roots, 1 yr. ½ to ⅝ in.	4 00	35 00

ORNAMENTAL and SHADE TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

	Per 100	Per 1000
ASH, GREEN, (Fraxinus pennsylvanica lanceolata)		
6 to 12 in.	$ 1 20	$ 10 00
12 to 18 in.	2 10	18 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 60	50 00
BOX ELDER, (Acer negundo)		
12 to 18 in.	2 10	18 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 60	50 00
CATALPA speciosa, (Western Catalpa)		
12 to 18 in.	2 10	18 00
18 to 24 in.	2 90	25 00
CORYLUS AMERICANA, (American hazelnut)		
12 to 18 in.	9 00	80 00
18 to 24 in.	14 00	120 00
ELM, American, (Ulmus americana)		
6 to 12 in.	1 20	10 00
12 to 18 in.	2 60	18 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 50	50 00
ELM, Chinese, (Ulmus pumila)		
6 to 12 in.	1 20	10 00
12 to 18 in.	2 10	18 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 50	40 00
3 to 4 ft.	7 50	65 00
4 to 5 ft.	11 00	100 00
5 to 6 ft.	19 00	160 00
HONEY LOCUST, Thornless, (Gleditsia triacanthos inermis)		
18 to 24 in.	3 50	30 00
12 to 18 in.	2 40	20 00
LINDEN, Little Leaf, (tilia cordata)		
12 to 18 in.	11 00	100 00
18 to 24 in.	18 00	150 00
LOCUST, Black, (Robinia pseudoacacia)		
6 to 12 in.	1 70	14 00
12 to 18 in.	2 10	18 00
18 to 24 in.	2 90	25 00
3 to 4 ft.	5 50	50 00

ORNAMENTAL and SHADE TREE SEEDLINGS—Continued

MAPLE, Silver, (Acer dasycarpum)	Per 100	Per 1000
6 to 12 in.	$ 1 80	$ 15 00
12 to 18 in.	2 90	25 00
18 to 24 in.	4 00	35 00
2 to 3 ft.	6 50	60 00
3 to 4 ft.	10 00	90 00
4 to 5 ft.	16 00	140 00
MULBERRY, Russian, (Morus alba tatarica)		
6 to 12 in.	1 20	10 00
12 to 18 in.	2 10	18 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
OAK, Pin, (Quercus palustris)		
18 to 24 in.	14 00	120 00
2 to 3 ft.	18 00	150 00
PECAN HARDY, (Carya illinoensis)		
6 to 12 in.	5 00	45 00
12 to 18 in.	8 00	70 00
18 to 24 in.	11 00	100 00
PERSIMMON, (Diospyros virginiana)		
6 to 12 in.	2 90	25 00
12 to 18 in.	4 50	40 00
RUSSIAN OLIVE, (Elaeagnus angustifolia)		
2 to 3 ft.	7 00	65 00
WALNUT, Black, (Juglans nigra)		
12 to 18 in.	3 50	30 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	7 00	60 00

ONE YEAR FROM CUTTINGS

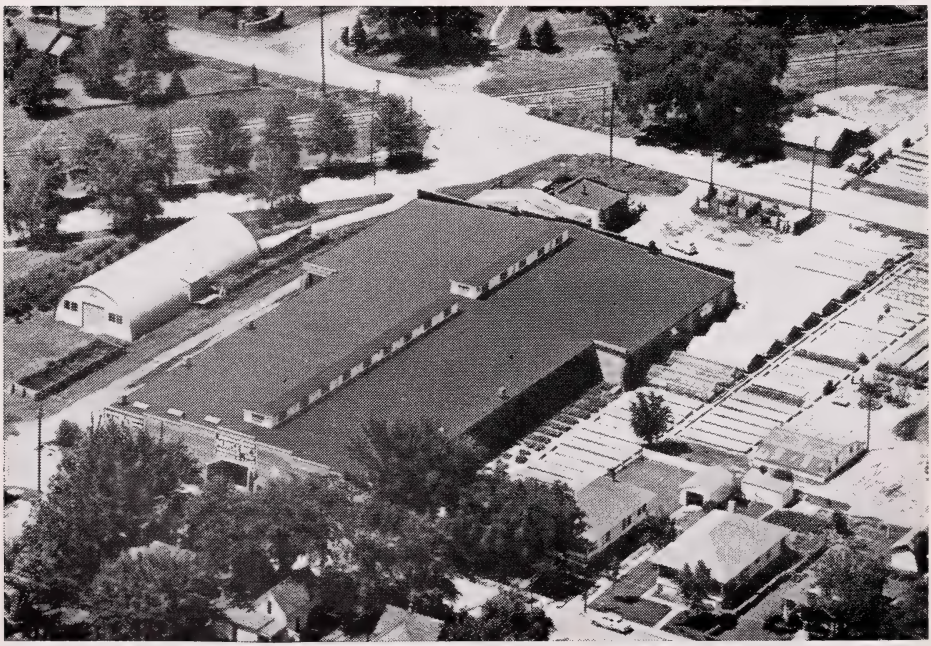
POPLAR (Populus)

Carolina and Norway	Per 100	Per 1000
2 to 3 ft., whips	$ 4 50	$ 40 00
3 to 4 ft., whips	7 00	60 00
4 to 5 ft., whips	8 50	80 00
Lombardy and Volga		
2 to 3 ft., whips	6 00	50 00
3 to 4 ft., whips	8 50	75 00
4 to 5 ft., lightly branched	12 00	100 00
5 to 6 ft., lightly branched	16 00	140 00

ONE YEAR FROM CUTTINGS—Continued

WILLOW, (Salix)

	Per 100	Per 1000
Babylonica		
2 to 3 ft.	$ 7 00	$ 60 00
3 to 4 ft.	8 50	75 00
4 to 5 ft.	12 00	100 00
Niobe, (Golden Weeping)		
18 to 24 in.	3 50	30 00
2 to 3 ft.	7 00	60 00
3 to 4 ft.	8 50	75 00
Russian Golden		
18 to 24 in.	2 60	22 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 00	45 00
4 to 5 ft.	8 00	70 00
Pussy, French		
12 to 18 in.	2 40	21 00
18 to 24 in.	4 00	35 00
Pussy (discolor)		
12 to 18 in.	2 40	21 00
18 to 24 in.	4 00	35 00
Wisconsin (blanda)		
2 to 3 ft.	7 00	60 00
3 to 4 ft.	8 50	75 00



Aerial view of some of our storage and propagating facilities.

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread.

All calipers are taken 6 inches above the collar.

	Per 10	Per 100	Per 1000
ASH (FRAXINUS)			
Green, (pennsylvanica lanceolata). 50-60 ft.			
Shapely, round-headed trees with slender, spreading branches. Hardy.			
5 to 6 ft.	$11 00	$------	$------
6 to 8 ft.	16 50	------	------
BIRCH (Betula)			
Cut Leaf Weeping, (alba gracilis; a. laciniata; pendula gracilis) 30-40 ft.			
Deeply cut leaves on graceful, drooping branches; silvery white bark. Most effective as a specimen lawn tree, or a group planting.			
4 to 5 ft.	14 00	125 00	------
5 to 6 ft.	16 50	150 00	------
6 to 8 ft.	22 00	200 00	------
European White, (alba pendula) 30-40 ft.			
Hardy attractive tree with white bark.			
3 to 4 ft.	7 50	70 00	------
4 to 5 ft.	8 00	75 00	------
5 to 6 ft.	12 00	110 00	------
6 to 8 ft.	15 50	140 00	------
European White, clump form. 20-25 ft.			
4 to 5 ft., 3 stem	17 50	160 00	------
5 to 6 ft., 3 stem	22 00	200 00	------
6 to 7 ft., 3 stem	27 50	250 00	------
CATALPA (MACROCATALPA)			
bungei (Manchurian) 10-12 ft.			
A dwarf, globe-shaped tree with large heart-shaped leaves.			
2 yr. heads, 4 to 5 ft. stems	14 00	125 00	------
2 yr. heads, 5 to 6 ft. stems	16 50	150 00	------
CRAB FLOWERING (Malus)			
Almey			
Large blooms of glistening red petals with white markings at base. Scarlet fruits are retained until spring.			
3 to 4 ft.	15 50	140 00	------
4 to 5 ft.	17 50	150 00	------
5 to 6 ft.	19 00	165 00	------
Bechtel, Klehm's Improved. 15-18 ft.			
An improved strain of Bechtel crab. Slightly faster grower, larger leaves and not so susceptible to cedar rust. Double pink, small rose-like flowers. Fragrant.			
2 to 3 ft.	6 50	60 00	------
3 to 4 ft.	10 00	90 00	------
CRAB, FLOWERING (Malus)			
2 to 3 ft.	5 50	50 00	------
3 to 4 ft.	8 50	80 00	------
4 to 5 ft.	12 00	110 00	------
5 to 6 ft.	15 00	135 00	------

Eleyi, Flowering Crab, (purpurea eleyi.) 25-30 ft.
Attractive reddish foliage in spring. Single pink flowers followed by red fruit.

Floribunda. 25-30 ft.
Pink buds, rosy-white flowers, small yellow fruit. Early.

Red Silver. 25-30 ft.
Crimson flowers. Cut-leaved, maroon red and silver foliage, bright red fruit.

Zumi Calocarpa.
Pink buds and single white flowers. Bright red to orange fruit.

ORNAMENTAL and SHADE TREES—Continued

CRAB, FLOWERING (Malus)—Continued

HOPA RED FLOWERING CRAB
20-25 ft., April-May

One of the most desirable varieties. An attractive upright growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease.

	Per 10	Per 100	Per 1000
3 to 4 ft., tree form	$ 7 00	$ 65 00	$600 00
4 to 5 ft., tree form	9 00	85 00	800 00
5 to 6 ft., tree form	12 00	110 00	1000 00

ELM (ULMUS)

American White, (ulmus americana). 60-100 ft.

A stately, massive tree that affords ample shade and shelter.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 5 00	$ 45 00	$------
5 to 6 ft.	7 00	65 00	------
6 to 8 ft.	11 00	100 00	------

AUGUSTINE ASCENDING ELM

(This new strain of American Elm carried a trademark registration and is being handled under license from the Augustine Ascending Elm Research Association, Inc.)

The new Elm of column-like stature. Large leaves. Rapid grower.

	Per 10	Per 100
4 to 5 ft.	$13 50	$120 00
5 to 6 ft.	16 00	150 00
6 to 8 ft.	21 00	200 00

Chinese (Ulmus pumila). 40-50 ft.

A hardy, rapid-growing tree; small dense foliage; drought-resistant.

	Per 10	Per 100	Per 1000
4 to 5 ft.	$ 4 00	$ 35 00	$300 00
5 to 6 ft.	6 50	60 00	550 00
6 to 8 ft.	10 00	90 00	800 00
8 to 10 ft.	14 00	125 00	------

Moline (Ulmus Molini). 80-100 ft.

Narrow pyramidal; rapid-growing; large handsome green foliage. Uniform trees for street or drive planting.

4 to 5 ft.	8 00	75 00	------
5 to 6 ft.	11 00	100 00	------
6 to 8 ft.	15 50	140 00	------

MORAINE LOCUST

(Gleditsia triacanthos inermis "Moraine")

(This variety of Honeylocust tree is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner.) A new vase form, thornless, seedless and hardy tree. Resistant to disease and insect damage

	10-49 each
4 to 5 ft., whips	$ 1 90
5 to 6 ft., whips	2 25
6 to 7 ft., whips	2 75

ORNAMENTAL and SHADE TREES—Continued

NEW SUNBURST LOCUST
Patent No. 1313
(Gleditsia triacanthos inermis aurea)

Bright golden-bronze foliage. Free of thorns and seedless. Tree is well formed, symmetrical and broadly pyramidal with excellent spreading branching habit. The brilliant coloring is limited to 8 to 10 inches of the branch tips.

	10-29 each
4 to 5 ft. 1 yr. whips	$ 1 90
5 to 6 ft. 1 yr. whips	2 40
6 to 7 ft. 1 yr. whips	3 00
6 to 7 ft. 1 yr. branched	4 10

MAGNOLIA soulangeana, Saucer Magnolia

The well-known shrub Magnolia, whose large fragrant blooms appear before the leaves. Symmetrical upright grower of excellent habit. Flowers open light purple at base, shading to pink at tips, with inside of petals clear pink to white. One of our most beautiful ornamentals. 20 feet.

	Per 10	Per 100	Per 1000
2 to 3 ft., B & B	$45 00	$425 00	$------
3 to 4 ft., B & B	60 00	575 00	------

CRIMSON KING MAPLE
(Acer platanoides schwedleri nigra)
Plant Patent No. 735

Improved form of Schwedleri Maple. Slower grower with richer purple foliage throughout the season. Perfectly hardy.

	10-49 each
5 to 6 ft., whips	$ 2 10
6 to 7 ft., whips	2 60
7 to 8 ft., whips	3 15

MAPLE, (Acer)

Norway (platanoides) 50-60 ft.

Forms a rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.

	Per 10	Per 100	Per 1000
5 to 6 ft., whips	$ 8 00	$ 75 00	$------
6 to 7 ft., whips	11 00	100 00	------
5 to 6 ft., branched	16 50	150 00	------
6 to 8 ft., branched	25 00	225 00	------

NORWAY PYRAMIDAL
(Acer platanoides ascendens)

This new, valuable maple, besides being "a streamlined tree for city planting," is useful as an accent plant, or for screen purposes; longer lived than poplars.

	Per 10
5 to 6 ft., whips	$20 00

ORNAMENTAL and SHADE TREES—Continued

MAPLE (ACER)—Continued

	Per 10	Per 100
Schwedler (platanoides schwedleri). 40-50 ft.		
A perfectly shaped tree. Gleaming red and purplish-red in midsummer and golden yellow in autumn.		
5 to 6 ft., whips	$15 00	$135 00
6 to 7 ft., whips	19 00	175 00
6 to 8 ft., branched	32 50	------
8 to 10 ft., branched	40 00	------
Silver or Soft (saccharinum dasycarpum) 60-80 ft.		
Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.		
4 to 5 ft.	5 50	50 00
5 to 6 ft.	8 00	75 00
6 to 8 ft.	14 00	125 00
8 to 10 ft.	19 00	------
Sugar or Hard (saccharum) 50-70 ft.		
One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.		
4 to 5 ft.	16 50	150 00
5 to 6 ft.	22 50	200 00

MOUNTAIN ASH (SORBUS)

	Per 10	Per 100
European (aucuparia) 20-40 ft.		
Smooth bark and dense pyramidal heads, berry clusters are large and bright.		
4 to 5 ft.	11 00	100 00
5 to 6 ft.	16 50	150 00

OAK (QUERCUS)

	Per 10	Per 100
Pin (palustris) 70-80 ft.		
A broadly pyramidal tree; the leaves are deep green, glossy and finely divded. Orange-scarlet in Fall. A most desireable shade tree.		
4 to 5 ft.	16 50	150 00
5 to 6 ft.	24 00	200 00
6 to 8 ft.	35 00	325 00

POPLAR, (populus)

	Per 10	Per 100
Bolleana, (alba bolleana) 50-60 ft.		
A quick growing columnar tree with silver like foliage.		
4 to 5 ft.	5 50	50 00
5 to 6 ft.	8 50	80 00
6 to 8 ft.	14 00	125 00
8 to 10 ft.	16 50	150 00
1½ to 2 in. caliper	22 50	200 00

	Per 10	Per 100	Per 1000
Carolina (Norway variety) 70-80 ft.			
Bright green foliage, spreading crown, very hardy. Extremely rapid growth.			
5 to 6 ft.	$ 4 50	$ 40 00	$------
6 to 8 ft.	6 50	60 00	------
8 to 10 ft.	8 50	80 00	------
1½ to 2 in. caliper	12 50	110 00	------
Cottonwood, Cottonless, 75-100 ft.			
Much preferred over the common species of western cottonwood because it does not develop seeds.			
4 to 5 ft.	5 00	------	------
5 to 6 ft.	6 50	------	------

ORNAMENTAL and SHADE TREES—Continued

POPLAR (populus)—Continued

Lombardy (nigra italica) 50-60 ft.

Rapid spire-like growth; fine for screens and formal planting.

	Per 10	Per 100	Per 1000
4 to 5 ft., low branched	$ 2 60	$ 22 50	$200 00
5 to 6 ft., low branched	3 55	31 00	280 00
6 to 8 ft., low branched	5 00	45 00	400 00
8 to 10 ft., low branched	6 00	55 00	500 00
1¼ in., caliper, low branched	7 00	65 00	------

Simoni, Chinese Poplar. 40-50 ft.

Hardy, pyramidal tree. Habits similar to Lombardy. Foliage not as dense and lighter color.

4 to 5 ft.	4 50	40 00	------
5 to 6 ft.	6 50	60 00	550 00
6 to 8 ft.	9 00	85 00	800 00
8 to 10 ft.	14 00	125 00	------

PRUNUS PERSICA, FLOWERING PEACH
(on peach roots)
Tree form. 15-18 ft.

An early blooming, double flowering peach.

	Per 10	Per 100	Per 1000
3 to 4 ft.	$ 6 50	$ 60 00	$------
4 to 5 ft.	9 00	85 00	------
5 to 6 ft.	12 00	100 00	------

Camelliaflora, late red
Helen Borchers, clear pink
Iceberg, Early snow-white
Peppermint Stick, bi-color red and white
Pink Charming, double pink

PRUNUS (PLUM)
Tree and Bush forms
(On plum or peach roots. Specify choice.)

Most varieties of Prunus are offered on plum or peach roots. Prunus are available at 5¢ per plant less than the prices shown below if ordered on peach roots.

PLEASE BE SURE TO SPECIFY PREFERENCE.

Allred

Very attractive for a lawn planting as the tree proves to be all that the name implies. The tree, foliage, flowers and fruit are all red. It bears regularly. Fruit is freestone and of fine quality. Hardy to Central Iowa.

	Per 10	Per 100	Per 1000
2 to 3 ft.	$ 4 50	$ 40 00	$------
3 to 4 ft.	6 50	60 00	------

besseyi improved (Hansen Bush Cherry)

The fruit is large and sweet and shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

12 to 18 in., transplants	1 70	14 00	------
18 to 24 in., transplants	2 40	20 00	------
2 to 3 ft., transplants	2 90	25 00	------
12 to 18 in., seedlings	----	5 50	------
18 to 24 in., seedlings	----	8 00	------
2 to 3 ft., seedlings	----	11 00	------

Newport (Purple-leaf Plum) 15-20 ft.

A large shrub with upright growth, purplish red foliage. Hardy.

2 to 3 ft.	8 00	75 00	------
3 to 4 ft.	11 00	100 00	------
4 to 5 ft.	14 00	125 00	------

pissardi rosea (on peach) 10 ft.

Deep bronzy purple foliage, holding its deep purplish-red shade, almost black throughout the summer. Completely covered with single pink flowers in spring.

2 to 3 ft.	8 00	------	------
3 to 4 ft.	11 00	------	------

ORNAMENTAL and SHADE TREES—Continued

PRUNUS (PLUM)—Continued

	Per 10	Per 100	Per 1000
thundercloud. (on Peach) 20 ft. The finest of all purple leaf plums. Very hardy.			
2 to 3 ft.	$ 8 00	$ 75 00	$------
tomentosa, Nanking Cherry. 10-12 ft. White flowers before leaves appear. Very showy.			
18 to 24 in.	4 50	------	------
2 to 3 ft.	5 50	------	------
3 to 4 ft.	8 00	------	------
Triloba (Double Flowering Plum). 8-10 ft. Known also as the "Rose Tree of China". One of the finest shrubs; completely covered with pink rose like flowers in April and May.			
18 to 24 in.	6 50	60 00	------
2 to 3 ft.	8 00	75 00	------
3 to 4 ft.	11 00	100 00	------
RUSSIAN OLIVE, (Elaeagnus angustifolia) 20-25 ft. Attractive silvery gray leaves, grayish white berries. Desirable for grouping. Used extensively for windbreaks. Very hardy.			
3 to 4 ft.	6 50	60 00	------
4 to 5 ft.	8 50	80 00	------
THORN			
Paul Scarlet Hawthorne (Oxyacantha pauli). English Hawthorn 15-20 ft. Produces brilliant double scarlet flowers in June.			
5 to 6 ft.	22 50	------	------
6 to 7 ft.	27 50	------	------
TULIP TREE (Liriodendron Tulipfera) Tall growing tree with large greenish-yellow tulip-like flowers. Should be planted in spring only.			
5 to 6 ft.	22 00	------	------
WILLOW (SALIX)			
babylonica (Babylon Weeping), 40-50 ft. A large, graceful Willow; bright green foliage, long wavy branches.			
3 to 4 ft.	2 90	25 00	------
4 to 5 ft.	4 50	40 00	------
Laurel, pentandra (laurifolia) 30-40 ft. Hardy upright grower with large, dark green leaves.			
3 to 4 ft.	2 90	25 00	------
4 to 5 ft.	4 50	40 00	------
Niobe (Golden Weeping) 30-35 ft. A hardy, graceful weeping tree; light green leaves, golden yellow bark.			
4 to 5 ft.	4 50	40 00	------
5 to 6 ft.	7 50	70 00	------
6 to 8 ft.	12 00	110 00	------
Russian Golden (vitellina aurea). 26-30 ft. Extremely hardy. One of the most wind-resisting windbreak trees.			
4 to 5 ft.	3 50	30 00	------
5 to 6 ft.	5 50	50 00	------
6 to 8 ft.	6 50	60 00	------
Wisconsin (blanda) 30-40 ft. The popular free-barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.			
4 to 5 ft.	4 50	40 00	------
5 to 6 ft.	7 50	70 00	------

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; and 3/4 and 4/5 ft., 5 per bundle. **We do not break bundles.**

ABELIA grandiflora 3-4 ft.

Shell-pink, attractive, bell-shaped flowers among dark green glossy foliage throughout entire summer. Holds foliage well.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 5 50	$ 50 00	$------
15 to 18 in.	7 00	65 00	------
18 to 24 in.	10 00	95 00	------

ALMOND (AMYGDALUS) (PRUNUS)

Pink Flowering (glandulosa). April-May. 5-6 ft.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

12 to 18 in.	3 50	30 00	280 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00
3 to 3½ ft.	7 00	65 00	600 00

ALTHEA (Hibiscus Syriacus) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	2 25	20 00	150 00
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	------

Anemoneflorus, double bright pink.
Ardens, double purple
Boule de Feu, double purplish-red
Jeanne de Arc, double pure white
Lucy, very double red
Purpurea Semi-Plena, semi-double clear purple
Snowdrift, Single white
***Woodbridge,** Single rose-pink

***Available 18-24, grade, 10c higher per grade.**

BARBERRY (BERBERIS)

Redleaf (thunbergi atropurpurea) 3-4 ft.

Warm bronze-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 3 70	$ 32 00	$280 00
15 to 18 in.	4 50	40 00	350 00
18 to 24 in.	5 50	50 00	450 00

thunbergi. 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries in winter.

12 to 15 in.	2 40	21 00	180 00
15 to 18 in.	3 10	27 00	240 00
18 to 24 in.	3 80	33 00	300 00
2 to 2½ ft.	4 50	40 00	350 00

TRUEHEDGE COLUMNBERRY

Var. Berberis Thunbergi, erecta

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

	Per 10	Per 100	Per 1000
12 to 15 in.	$ 3 00	$ 25 00	$200 00
15 to 18 in.	3 50	33 00	300 00
18 to 24 in.	4 50	40 00	350 00

ORNAMENTAL SHRUBS—Continued

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.

When transplanting cut tops back severely for best results.

	Per 10	Per 100	Per 1000
Medium	$ 2 80	$ 24 00	$------
No. 1	3 50	30 00	------

Charming, 5-6 ft.
Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

Dubonnet, 4-5 ft.
The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

Hartwegi, 4-5 ft.
Flowers bright lavender, foliage dark green. Compact.

CALLICARPA americana (American Beautyberry) 6-7 ft.

Large showy clusters of purple berries, bluish-purple flowers.

18 to 24 in.	4 50	------	------
2 to 3 ft.	5 50	------	------

CALYCANTHUS floridus,, Sweetshrub. 4-6 ft.

A fragrant shrub with chocolate colored flowers.

18 to 24 in.	6 50	------	------
2 to 3 ft.	8 00	------	------

CARAGANA (PEASHRUB)

arborescens (Siberian Peashrub) May-June. 10-20 ft.
Small, light green foliage, clusters of bright yellow, pea-shaped flowers. Perfectly hardy, valuable for either group or individual plantings.

12 to 18 in.	2 10	18 00	150 00
18 to 24 in.	2 90	25 00	200 00
2 to 3 ft.	4 00	35 00	300 00

CARYOPTERIS INCANA, (See Blue Mist Spirea.)

CORNUS (Dogwood)

Florida, (White Flowering Dogwood) July. 12-15 ft.
Large spreading shrub or small tree, producing large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.

18 to 24 in.	8 50	80 00	------
2 to 3 ft.	13 50	125 00	------

variegated, (alba elegantissima variegata) 6-8 ft.
Creamy white variegated leaves, bright red bark. Yellowish-white flowers. Very attractive.

12 to 18 in.	4 00	35 00	------
18 to 24 in.	6 00	55 00	------

CORYLUS AMERICANA, (American Hazelnut) 8-10 ft.

Thrives in shady locations. Attractive foliage. Produces popular nuts.

9 to 12 in.	2 10	18 00	------
12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 50	40 00	------

COTONEASTER

Acutifolia (Peking Cotoneaster) May-June. 10-12 ft.
A valuable massing and hedging shrub. Dark green leaves; black fruit.

18 to 24 in.	3 80	------	------
2 to 3 ft.	5 00	------	------

ORNAMENTAL SHRUBS—Continued

CRANBERRY, Highbush **(See Viburnum Page 28)**

CREPE MYRTLE (Lagerstroemis Indica) 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$220 00
18 to 24 in.	3 50	30 00	250 00
2 to 3 ft.	5 00	45 00	400 00

Pink Purple Red Watermelon Red

CYDONIA (chaenomeles lagenaria) Flowering Quince

Our Cydonia are grown from cuttings secured from blooming wood.

12 to 18 in.	2 90	25 00	200 00
18 to 24 in.	3 80	33 00	300 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	500 00

japonica (Japanese Flowering Quince) March-April. 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth. Cutting grown.

japonica rubra (Red Flowering Quince) March-April. 5-6 ft.

An improved strain which produces true bright red flowers. A distinct improvement on the common japonica. Non-fruiting. Cutting grown.

CYDONIA NIVALIS
(chaenomeles lagenaria Nivalis)
5-6 ft. March-April

The best pure white quince. The clusters of sparkling white flowers contrast nicely with dark green foliage.

	Per 10	Per 100
12 to 18 in.	$ 5 00	$ 45 00
18 to 24 in.	7 00	65 00
2 to 3 ft.	9 00	85 00

DEUTZIA

gracilis (Slender; Dwarf Deutzia) May. 2½-3 ft.

White flowers in May. Will thrive in partial shade. Used for forcing.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 2 90	$ 25 00	$------
12 to 15 in.	4 50	40 00	------
15 to 18 in.	5 50	50 00	------
18 to 24 in.	7 00	65 00	------

lemoinei (Lemoine Deutzia) May, 3-4 ft.

Very floriferous, semi-dwarf hybrid variety; creamy white flowers in short, chubby sprays; distinct from all other verieties.

12 to 18 in.	4 00	35 00	320 00
18 to 24 in.	5 00	45 00	400 00
2 to 2½ ft.	6 00	55 00	500 00

Pride of Rochester (scabra crenata) May. 8-10 ft.

A tall, broad-topped bush, double white flowers tinged pink.

12 to 18 in.	2 50	22 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 50	50 00	------

ORNAMENTAL SHRUBS—Continued

EUONYMUS

	Per 10	Per 100	Per 1000
alatus, (Winged Euonymus). 10-12 ft.			
Yellow flowers in May and June. Leaves are crimson in autumn.			
12 to 18 in.	$ 6 50	$ 60 00	$------
patens, (kiautschovicus), Spreading Euonymus. Large Leaf. 4-5 ft.			
Graceful spreading, upright grower; glossy green foliage, almost evergreen; scarlet berries. Semi-hardy.			
12 to 15 in., bare root	5 50	50 00	------
15 to 18 in., bare root	7 00	65 00	------
18 to 24 in., bare root	8 50	80 00	------
2 to 2½ ft., bare root	11 00	------	------
18 to 24 in., Balled and burlapped	16 50	------	------
2 to 2½ ft., Balled and burlapped	19 00	------	------
fortunei radicans erecta, (Compact upright euonymus)			
An improved more upright form of Euonymus Radicans. Shiny dark green foliage. Evergreen. Should have some protection.			
12 to 15 in.	5 50	50 00	450 00
15 to 18 in.	7 00	65 00	600 00
18 to 24 in.	8 50	80 00	750 00
2 to 2½ ft.	11 00	------	------
yedoensis, Yeddo Euonymus. 8 ft.			
Large upright shrub. Brilliant red foliage and rose-colored fruits in fall.			
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------

EXOCHORDA racemosa (grandiflora) Pearl Bush. 8-10 ft.

Dazzling white flowers in May. Attractive foliage.

12 to 18 in.	3 20	28 00	------
18 to 24 in.	4 50	40 00	------

FORSYTHIA

ARNOLD'S DWARF FORSYTHIA

This new Forsythia grows only a few feet tall and the spreading branches root readily in contact with the ground. It's compact, spreading growth habit makes it a good ground cover. Introduced by the Arnold Arboretum.

	Per 10
15 to 18 in.	$ 5 00

	Per 10	Per 100	Per 1000
fortunei (suspensa) (Fortune Forsythia) April. 6-8 ft.			
A large, upright shrub with slightly drooping branches, golden yellow flowers.			
12 to 18 in.	$ 3 20	$ 28 00	$------
18 to 24 in.	4 50	40 00	------
intermedia spectabilis (Showy Border Forsythia). April. 6-8 ft.			
Hardiest of all Forsythias. Very profuse bloomer; rich yellow flowers.			
12 to 18 in.	3 20	28 00	250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00
3 to 4 ft.	6 50	60 00	550 00

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

FORSYTHIA LYNWOOD GOLD

A deep golden yellow that tops the list of fine Forsythias. Beautiful in very early springtime. 5-7 ft.

	Per 10
2 to 3 ft.	$ 8 00

FORSYTHIA SPRING GLORY

A new Forsythia which is without a doubt, the loveliest of all. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 50	$ 30 00	$250 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00
3 to 4 ft.	7 00	65 00	600 00

HONEYSUCKLE (Lonicera)

	Per 10	Per 100	Per 1000
fragrantissima, (Winter Honeysuckle). 6-8 ft.			
Fragrant white flowers in March-April. Nearly evergreen, semi-hardy.			
12 to 18 in.	$ 2 90	$ 25 00	$220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
korolkowi floribunda (Blue Leaf Honeysuckle). May-June. 10-12 ft.			
Attractive broad shrub, horizontal branches. Broad blue-green foliage, small pink flowers, bright red berries.			
12 to 18 in.	3 50	30 00	250 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 00	55 00	500 00
3 to 4 ft.	7 00	65 00	------
Tatarian Pink (tatarica rosea) April-May. 10-12 ft.			
The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.			
18 to 24 in.	4 00	35 00	300 00
3 to 4 ft.	6 00	55 00	500 00
Tatarian Red (tatarica rubra). April-May. 10-12 ft.			
A hardy and vigorous shrub. Rosy-pink flowers followed by bright red fruit.			
18 to 24 in.	4 00	35 00	300 00
3 to 4 ft.	6 00	55 00	500 00
Tatarian White (tatarica alba). April-May. 10-12 ft.			
White to creamy-white flowers; upright growth. Red berries.			
12 to 18 in.	2 90	25 00	------
zabeli, Zabel Honeysuckle, 8-10 ft.			
Generally accepted as the best of the improved strains of Red Tatarian Honeysuckle. Flowers are true red. Very hardy.			
18 to 24 in.	4 00	35 00	------
3 to 4 ft.	6 00	55 00	------

ORNAMENTAL SHRUBS—Continued

HYDRANGEA

arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 50	$ 30 00	$------
18 to 24 in.	5 00	45 00	------
2 to 3 ft.	6 50	60 00	------

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

12 to 18 in.	3 20	28 00	250 00
18 to 24 in.	4 50	40 00	350 00

NIKKO BLUE HYDRANGEA
(macrophylla nikko blue)

Both hardy and beautiful. In alkaline soil the flowers are pink; in acid they are blue. To change alkaline soil into acid use two tablespoons of aluminum sulphate to a gallon of water. 3-4 ft.

	Per 10	Per 100
2 year heavy field grown plants	$ 8 00	$ 75 00

HYPERICUM (St. John's Wort).

aureum, July-August. 3-4 ft.

Stiff dense habit; foliage bluish; flowers golden yellow. Prefers moist soil. Will endure part shade.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 4 00	$ 35 00	$------
18 to 24 in.	5 00	45 00	------

kalmianum, (KALM) Pot O'Gold. 2-3 ft.

This low growing compact shrub is a ball of golden yellow flowers throughout the summer months. A specimen shrub for full sunshine. Perfectly hardy.

18 to 24 in.	6 00	------	------

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

12 to 18 in.	3 50	30 00	270 00
18 to 24 in.	5 50	50 00	450 00
2 to 3 ft.	6 50	60 00	550 00
3 to 4 ft.	7 00	65 00	600 00

LILAC (SYRINGA)

Common Purple (vulgaris) April-May. 12-15 ft.

The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.

9 to 12 in.	2 10	18 00	160 00
12 to 18 in.	2 90	25 00	220 00

Persian Purple, see Lilac Rothomagensis.

We recommend the use of Rothomagensis which is similar in habit of growth but produces superior flowers and foliage.

rothomagensis (chinensis) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

12 to 18 in.	3 50	30 00	250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	------

ORNAMENTAL SHRUBS—Continued

LILAC (SYRINGA)—Continued

villosa (rosea) (Late Lilac) June. 8-10 ft.

Large, broad, plume-like panicles of delicate pink flowers; large leaves.

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 4 50	$ 40 00	$_____

French Lilacs. Named varieties. April-May. 8-15 ft.

These marvelous products of selection are rapidly becoming the most popular flowering shrub, being used as specimens, ornamental clumps, screens, and for hedges. There are now both double andd single flowering varieties, many unusual shades and color blends.

9 to 12 in.	3 20	28 00	_____
12 to 18 in.	4 50	40 00	_____
18 to 24 in.	6 50	60 00	_____
2 to 3 ft.	8 50	80 00	_____

S—single d—double

	2/3'	18/24"	12/18"	9/12"
Abel Carriere, d blue	--	X	--	--
Adelaide Dunbar, d purple	X	X	--	--
Alphonse Lavelle, d lilac	--	X	--	--
Ambassadeur, s blue	--	--	X	X
Bleuatre, s blue	--	X	--	--
Chas. X, s red	X	--	--	X
Congo, s dark red	--	X	X	X
Edouard Andre, d clear rose	--	--	X	--
Gloire de Moulins, s pink	--	X	--	--
Marc Michel, d lavender purple	X	X	--	X
Marie Le Graye, s white	--	X	--	--
Michel Buchner, s lilac	X	X	--	--
Mme. Casimer Perier, d white	--	X	--	--
President Grevy, d bluish lilac	--	X	X	X
President Lincoln, s blue	X	X	X	X

PHILADELPHUS (MOCK ORANGE, SYRINGA)

Belle Etoile. (lemoinei belle etoile). May-June. 4-5 ft.

A new Philadelphus of high merit. Large 2 inch star shaped flowers are pure white except a slight purple tinge deep in throat when first opening. Very fragrant. Not considered hardy north of southern Iowa.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 4 50	$ 40 00	$_____
18 to 24 in.	5 50	50 00	_____

coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old fashioned sweet-scented Mock Orange; free-flowering and vigorous.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 50	40 00	350 00

grandiflorus (inodorus) (scentless Mock Orange). May-June. 10-12 ft.

Large, scentless white flowers in clusters; branches somewhat straggling.

12 to 18 in.	3 00	25 00	_____
18 to 24 in.	4 50	40 00	_____

Innocence (lemoini innocence) May-June. 6 ft.

The long arching branches are completely covered with large alabaster-white single blooms. The whiteness of the blooms is so pure as to make all other mock orange seem gray by comparison. Fragrance is more delicate yet more penetrating than Jasmine.

12 to 18 in.	3 50	30 00	250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS (MOCK ORANGE, SYRINGA)—Continued

MINNESOTA SNOWFLAKE
Plant Pat. No. 538

A really new and outstanding introduction. The glistening white, intensely double blooms are borne profusely and are very fragrant. The well shaped shrub is nicely branched with good foliage.

	Wholesale Prices		Suggested Retail Prices	
	Per 10	Per 100	Each	Dozen
18 to 24 in.	$6 00	$55 00	$1 25	$12 00
2 to 3 ft.	7 00	65 00	1 50	15 00

	Per 10	Per 100	Per 1000
Virginal. May-June. 7-8 ft.			
Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.			
9 to 12 in.	$ 2 50	$ 20 00	$180 00
12 to 18 in.	3 20	28 00	250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00

PHYSOCARPUS (NINEBARK)

opulifolius aureus (Goldleaf Ninebark) May-June. 8-10 ft.			
Wide spreading growth, but formal outline. Foliage, bright yellow changing to golden brown in summer. White flowers, red seed pods.			
12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00
opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.			
A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.			
12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00

PRIVET (LIGUSTRUM)—See Hedging Page 32

PRUNUS, Ornamental Plums. (See Ornamental and Shade Trees)

QUINCE FLOWERING. (See Cydonia)

RED BUD, Cercis Canadensis. April.

Very attractive, rosy pink flowers. Shrub form of the popular tree.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------

RHUS (SUMAC)

canadensis (aromatica) Fragrant Sumac. 5-6 ft. April-May.			
Aromatic shrub with small yellowish flowers followed by red berries.			
12 to 18 in.	3 20	28 00	------
18 to 24 in.	5 50	50 00	450 00
2 to 3 ft.	6 50	60 00	550 00
cotinus (Cotinus Coggygria) Purple Fringe. July-August. 5-6 ft.			
Makes a fine specimen plant with masses of smoky panicles of flowers. Rapid grower.			
2 to 3 ft.	9 00	------	------

ORNAMENTAL SHRUBS—Continued

RHUS (SUMAC)—Continued

Cut Leaf (typhina laciniata) 8-10 ft.

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 40	$ 20 00	$180 00
18 to 24 in.	3 20	28 00	250 00
2 to 3 ft.	4 50	40 00	350 00

Smooth (glabra) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	3 20	28 00	240 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	------

Staghorn (typhina) June-July. 12-20 ft.

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rock soil.

12 to 18 in.	2 50	20 00	180 00
18 to 24 in.	3 20	28 00	240 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

RIBES, alpinum. (Alpine Currant), April-May. 6-8 ft.

A hardy, dense shrub suitable for hedges or mass planting. Small greenish flowers and scarlet fruit.

12 to 15 in.	4 50	40 00	------
15 to 18 in.	6 50	60 00	------
18 to 24 in.	8 00	75 00	------

SALIX PURPUREA NANA
Dwarf Purpleosier Willow

Charming low growing blue-leaf Willow; suited for hedges and borders. Hardy. 3 to 4 ft.

	Per 10	Per 100
12 to 15 in.	$ 2 25	$ 19 00
15 to 18 in.	2 60	22 00
18 to 24 in.	3 20	28 00
2 to 2½ ft.	4 50	40 00

SPIREA (Spiraea)

Anthony Waterer. (bumalda Anthony Waterer). June-Sepember. 3-3½ ft.

Very dwarf; free flowering. Produces flat rose-red flower heads.

	Per 10	Per 100	Per 1000
9 to 12 in.	$ 2 90	$ 25 00	$220 00
12 to 15 in.	4 00	35 00	320 00
15 to 18 in.	5 00	45 00	400 00
18 to 24 in.	6 00	55 00	500 00

arguta (Garland) April-May. 5-6 ft.

Small fern-like foliage; slender branches; minute pure white flowers..

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

billardi Pink. July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 90	$ 25 00	$220 00
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	------

Blue Mist Spirea (Caryopteris)

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy. 18 to 24 inch.

	Per 10	Per 100
Medium	$ 2 90	$ 25 00
No. 1	4 00	35 00

bumalda superba. 3-5 ft.

Dwarf variety. Vigorous and hardy as Froebel; more upright. Bright pink flowers. Beautiful purplish foliage in autumn.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 20	$------	$------
18 to 24 in.	4 00	------	------

Callosa Alba, (japonica ovalifolia).

White flowering variety of Spirea Anthony Waterer. Very beautiful.

12 to 15 in.	4 50	40 00	350 00
15 to 18 in.	5 50	50 00	450 00

Froebel (bumaldi froebeli) May-June. 3-4 ft.

Dwarf growth, vigorous and very hardy; large flat heads of rose-pink flowers. Foliage turns brilliant red in Autumn.

12 to 18 in.	2 40	21 00	180 00
18 to 24 in.	3 20	28 00	280 00

japonica coccinea. July.. 2½-3 ft.

An improvement over Anthony Waterer with non-fading flower heads of crimson red.

9 to 12 in.	3 20	28 00	------
12 to 15 in.	4 50	40 00	------

opulifolia nana (See Physocarpus opulifolius nana)

thunbergi (Thunberg Spirea) April. 3-4 ft.

Light green foliage; pure white flowers. Resembles Arguta but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 50	40 00	350 00
2 to 2½ ft.	5 00	45 00	------

vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

12 to 18 in.	2 40	21 00	180 00
18 to 24 in.	3 20	28 00	240 00
2 to 3 ft.	4 00	35 00	------

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS (SNOWBERRY)

albus (racemosus). June-July. 3-5 ft.

A fine general purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 1 90	$ 16 00	$140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00

chenaulti (Improved Coralberry). June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	3 50	30 00	270 00
3 to 4 ft.	4 50	40 00	------

orbiculatus (vulgaris). June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	------

TAMARIX

For best results the tops of Tamarix must be cut back short when transplanting. If this is not done they may fail to grow.

africana. May.10-12 ft.

Slender spreading branches, reddish brown bark, green foliage, pink flowers.

amurensis (Amur Tamarix), (Hort. var. pentandra). August-September. 8-10 ft.

Purple branches, graceful silvery foliage. Pink flowers. Thrives in dry soil.

hispida (Kashgar Tamarix). June-July. 12-15 ft.

Slow, compact, upright growth; silvery foliage; long panicles of bright pink flowers.

tetrandra purpurea. May-June. 10-12 ft.

Vigorous growth, bright green foliage, pink flowers. Very hardy.

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	300 00
2 to 3 ft.	5 00	45 00	400 00

TAMARIX SUMMER GLOW

The best new Tamarix. Deep pink flowers, silvery blue foliage. Upright grower.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 50	$ 30 00	$250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	------

VIBURNUM

burkwoodi, Improved Carlesi. May. 5 ft.

The evergreen Viburnum Carlesi. Flowers are white and delightfully fragrant as much as 3½ inches across. Leaves are small and shiny. Vigorous grower.

	Per 10	Per 100	Per 1000
15 to 18 in., Wrapped in moss and burlap	$19 50	$------	$------
18 to 24 in., Wrapped in moss and burlap	27 50	------	------

dentatum, (Arrowwood). April-May. 10-12 ft.

Attractive foliage, white flowers followed by bluish-black fruit.

12 to 18 in.	3 50	30 00	250 00
18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

lantana. Wayfaringtree. May. 15 ft.

Upright. Soft heavy leaves. White flowers. Red to black fruit.

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 5 00	$------	$------
2 to 3 ft.	6 00	------	------

lentago (Nannyberry) May. 18-20 ft.

Large growing upright shrub or small tree. Shining green leaves. Single white flowers and large blue-black fruit.

12 to 18 in.	3 50	------	------
18 to 24 in.	4 50	------	------

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

12 to 18 in.	3 50	30 00	------
18 to 24 in.	5 00	45 00	------

opulus sterile, Common Snowball. April-May. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers.

12 to 18 in.	4 00	35 00	300 00
18 to 24 in.	5 50	50 00	450 00
2 to 3 ft.	7 00	65 00	600 00
3 to 4 ft.	8 50	80 00	------

VITEX, Big leaf Chaste Tree. July to frost. 5-6 ft.

latifolia (macrophylla)

Semi-dwarf flowers of lavender-blue. Hardy.

18 to 24 in.	4 50	40 00	350 00
2 to 3 ft.	5 50	50 00	450 00

WEIGELA (DIERVILLA)

WEIGELA BRISTOL RUBY

Plant Patent No. 492

Improved Weigela Eva Rathke, hardier and more thrifty. Large soft ruby-red flowers shading to garnet crimson.

	Per 10	Per 100
18 to 24 in. (Retails $2.00 each)	$ 7 00	$ 60 00
2 to 3 ft. (Retails $2.50 each)	9 00	80 00
3 to 4 ft. (Retails $3.00 each)	12 50	100 00

Dwarf Variegated, nana variegata. May-June. 5 ft.

Growth dwarf, compact, variegated leaves. Light pink flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 50	$ 30 00	$250 00
18 to 24 in.	5 00	45 00	400 00
2 to 3 ft.	6 50	60 00	------

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.

Attractive foliage; clear ruby red trumpet- shaped flowers over long season.

12 to 18 in.	3 70	32 00	------
18 to 24 in.	5 00	45 00	------
2 to 3 ft.	6 00	55 00	------

ORNAMENTAL SHRUBS—Continued

WEIGELA (Diervilla)—Continued

hendersoni (Henderson). May-June. 15 ft.

One of the hardiest varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 3 20	$ 28 00	$------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------

Newport Red. 6-7 ft.

New ruby-red Weigela recommended for its hardiness and habit of growth. Making a well formed plant.

18 to 24 in.	5 50	50 00	------
2 to 3 ft.	6 50	60 00	------
3 to 4 ft.	8 00	75 00	------

rosea, (florida) Pink Weigela. May-June. 6-8 ft.

Popular shrub with beautiful showy pink flowers.

18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	450 00
3 to 4 ft.	7 00	65 00	600 00

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS (PSEDERA)

engelmanni (parthenocissus quinquefolia engelmanni) Englemann Creeper 30-40 ft.

Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall. Blue-black fruit.

	Per 10	Per 100	Per 1000
2 year, Medium	$ 2 90	$ 25 00	$230 00
2 year, No. 1	3 50	30 00	250 00

veitchi (parthenocissus tricuspidata veitchi) Boston Ivy. 40-50 ft.

Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.

2 year, Medium	3 50	30 00	------
2 year, No. 1	4 50	40 00	------

BIGNONIA (CAMPSIS)

radicans (Trumpet Creeper). July-August. 20-30 ft.

A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.

2 year, Medium	2 90	25 00	220 00
2 year, No. 1	3 50	30 00	270 00

CELASTRUS (Bittersweet)

scandens (American Bittersweet) 20-25 ft.

Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.

2 year, Medium	2 90	25 00	------
2 year, No. 1	3 50	30 00	------

CLEMATIS, Large Flowering. 10-15 ft.

Popular hybrids with beautiful purple, red, yellow and white flowers.

2¼ inch. pot plants	5 50	50 00	------

Henryi, white **Mme Edouard Andre,** red

Jackmanni, purple

CLIMBING VINES—Continued

CLEMATIS—Continued

paniculata, Sweet Autumn Clematis. 20-30 ft.

A valuable climber literally covered with white fragrant flowers in September.

	Per 10	Per 100	Per 1000
2 year, Medium	$ 4 50	$ 40 00	$------
2 year, No. 1	5 50	50 00	------

EUONYMUS

fortunei radicans. Winter Creeper. 15-20 ft.

A fine evergreen-vine, rose-red berries. Especially desirable for winter effect. Can be used also for edging and as a ground cover.

2 year, Medium	5 50	50 00	450 00
2 year, No. 1	6 50	60 00	550 00

fortunei coloratus, Purpleleaf Wintercreeper.

Almost evergreen. Long narrow leaves of deep green, tinged purple; highly colored in fall and early winter.

2 year, Medium	4 50	------	------
2 year, No. 1	5 50	------	------

HONEYSUCKLE (LONICERA)

Everblooming (heckrotti) May until frost. 15-20 ft.

Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.

2 year, Medium	4 00	35 00	------
2 year, No. 1	4 50	40 00	------

Gold Flame. May until Frost. 15-20 ft.

Flowers flame-coral, inside clear yellow, produced in clusters.

2 year, Medium	4 00	35 00	------
2 year, No. 1	4 50	40 00	------

Hall's Japan (japonica halliana) July-October. 20-25 ft.

Fragrant, pure white flowers, changing to yellow; almost evergreen.

2 year, Medium	2 10	18 00	------
2 year, No. 1	2 60	22 50	------

Scarlet Trumpet (sempervirens) May-August. 10-25 ft.

A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

2 year, Medium	2 90	25 00	------
2 year, No. 1	3 50	30 00	------

POLYGONUM AUBERTI

(Silverine Fleeceflower)

A vigorous twining vine with bright green dense foliage. Fleecy white flowers from July till September. 25-30 feet.

	Per 10	Per 100
2 year, Medium	$ 3 50	$ 30 00
2 year, No. 1	4 50	40 00

WISTERIA (WISTARIA)

American (frutescens) June-July. 20-25 ft.

Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.

	Per 10	Per 100	Per 1000
2 year, Medium	$ 2 90	$------	$------
2 year, No. 1	4 00	------	------

CLIMBING VINES—Continued

WISTERIA—Continued

Chinese (sinensis) May. 30-40 ft.

Long, attractive drooping clusters of pea-shaped flowers.

Blue	Per 10	Per 100	Per 1000
White (sinensis alba)			
2 year, Medium Grafts	$ 4 50	$------	$------
2 year, No. 1 Grafts	5 50	------	------

double violet. May. 30-40 ft.

A rare double Wisteria. Dark purple flowers borne freely in long clusters.

2 year, Medium Grafts	8 00	------	------
2 year, No. 1 Grafts	9 00	------	------

multijuga pink, Japanese Wisteria. May. 40-50 ft.

Beautiful pink flowers in long clusters.

2 year, Medium Grafts	4 50	------	------
2 year, No. 1 Grafts	5 50	------	------

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (Berberis)

Redleaf (thunbergi atropurpurea)	Per 100	Per 1000
9 to 12 in., 3 year seedlings, branched	$12 00	$110 00
12 to 15 in., 3 year seedlings, branched	19 00	160 00
thunbergi (Japanese Barberry)		
9 to 12 in., 2 year seedlings, branched	8 50	75 00
12 to 18 in., 2 and 3 year seedlings, branched	11 00	100 00

BUCKTHORN (Rhamnus cathartica)

9 to 12 in.	3 20	28 00
12 to 18 in.	4 50	40 00
18 to 24 in.	5 60	50 00

CYDONIA japonica (Flowering Quince)

9 to 12 in.	11 00	100 00
12 to 18 in.	16 00	140 00
18 to 24 in.	21 50	190 00

ELM CHINESE (See Forest Tree Seedlings)

HONEYSUCKLE (Lonicera)

grandiflora rosea-pink

9 to 12 in.	8 50	75 00
12 to 18 in.	11 00	100 00
18 to 24 in.	16 00	140 00

tatarian—Pink, Red, White

9 to 12 in.	8 50	75 00
12 to 18 in.	11 00	100 00
18 to 24 in.	16 00	140 00

tatarian seedlings.

9 to 12 in.	5 60	50 00
12 to 18 in.	7 50	65 00
18 to 24 in.	11 00	100 00

zabeli—Red

9 to 12 in.	11 00	100 00
12 to 18 in.	16 00	140 00
18 to 24 in.	21 50	190 00

HEDGING—Continued

PRIVET (LIGUSTRUM)

Amur River North (amurense) June. 8-12 ft.

Vigorous, upright growth; white flowers followed by black berries. Hardy.

	Per 100	Per 1000
9 to 12 in., branched	$ 7 00	$ 60 00
12 to 18 in., 2 canes and up	10 00	85 00
12 to 18 in., 3 canes and up	12 00	100 00
18 to 24 in., 2 canes and up	12 00	100 00
18 to 24 in., 3 canes and up	16 50	140 00
2 to 3 ft., 2 canes and up	16 50	140 00
2 to 3 ft., 4 canes and up	21 00	180 00
3 to 4 ft., 4 canes and up	22 50	------

California (ovalifolium) June-July. 8-12 ft.

9 to 12 in., branched	5 60	50 00
12 to 18 in., branched	10 00	85 00
18 to 24 in., branched	13 00	110 00
2 to 3 ft., branched	18 00	150 00

ibolium (Hardy California) June-July. 6-8 ft.

Very similar to, but much hardier than California Privet, not as evergreen.

9 to 12 in.	5 60	50 00
12 to 18 in., 3 canes and up	10 00	85 00
18 to 24 in., 3 canes and up	13 00	110 00
2 to 3 ft., 4 canes and up	18 00	150 00

Lodense. 2½ ft.

Very compact, dwarf form.

9 to 12 in.	15 00	120 00
12 to 15 in.	20 00	160 00

Regel (regelianum) 6-8 ft.

Low, dense growth, horizontal, spreading branches, berries remain all winter.

12 to 18 in.	22 00	200 00
18 to 24 in.	35 00	300 00
2 to 2½ ft.	45 00	400 00

Thompson's (thompsoni)

Rapid-growing; bushy, very desirable.

12 to 18 in.	13 00	120 00
18 to 24 in.	17 00	150 00

RUSSIAN OLIVE, (Elaeagnus angustifolia)

6 to 12 in.	2 40	20 00
12 to 18 in.	3 50	30 00
18 to 24 in.	5 00	45 00

SPIREA vanhoutte (vanhouttei)

9 to 12 in.	8 50	75 00
12 to 18 in.	12 00	100 00
18 to 24 in.	15 50	140 00

NOTE. HONEYSUCKLE Heckrotti makes novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

ROSE STOCKS

Multiflora Japonica (Rosa Multiflora)

Thorny Multiflora Japonica seedlings for spring shipment. Well adapted for hardiness and hedge fences.

	Per 100	Per 1000
1/4-inch and up	$ 5 00	$ 45 00
No. 1, 3/16 to 1/4 in.	4 50	40 00
No. 2, 2/16 to 3/16 in.	3 20	28 00
No. 3, about 2/16 in.	2 40	20 00

setigera (Rosa setigera) Prairie Rose

Thorny rose suitable for hedging.

No. 1, 3/16 in.	4 50	40 00
No. 2, 2/16 in.	3 20	28 00

EVERGREENS

(Balled and Burlapped)

ALL EVERGREENS SOLD WITH THE DISTINCT UNDERSTANDING THAT IF THEY ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES. WE DO NOT GUARANTEE SURVIVAL.

We cannot assume responsibility for the successful transplanting of evergreens. Weather conditions, method of handling and care govern the results secured. They are sold with the distinct understanding that if they arrive in good condition, our responsibility ceases.

Evergreens that are selected and marked by customers in the nursery will carry 20 percent additional charge above the following listed price.

JUNIPERUS (JUNIPER)

	Per 10	Per 100
chinensis pfitzeriana (Pfitzer Juniper) 6-8 ft. spread.		
Dark gray-green foliage; graceful low, irregular spreading form. Remarkably adaptable to various conditions and soils. Very hardy.		
15 to 18 in.	$35 00	$300 00
18 to 24 in.	40 00	350 00
2 to 2½ ft.	45 00	400 00
chinensis pfitzeriana aurea. (Golden Pfitzer).		
Golden type of pfitzer with bright yellow foliage on new growth.		
15 to 18 in.	30 00	275 00
18 to 24 in.	35 00	325 00
chinensis pfitzeriana compacta. 4-5 ft.		
Compact form of the Pfitzer juniper. Remains bushy and compact without pruning.		
15 to 18 in.	37 50	------
18 to 24 in.	42 50	------
chinensis sargenti Maney.		
Spreading bush type, compact, with bluish foliage. Develops about as broad as its height. Ideal for group plantings.		
2½ to 3 ft.	47 50	------
3 to 3½ ft.	55 00	------
3½ to 4 ft.	65 00	------
communis hibernica (Irish Juniper) 6-8 ft.		
Very symmetrical in outline; glaucous green foliage. A distinct and beautiful dwarf-growing tree.		
18 to 24 in.	15 00	125 00
2 to 3 ft.	20 00	175 00
horizontalis plumosa (Andorra Creeping Juniper) 5 ft. spread.		
A dwarf spreading Juniper of silvery green color; foliage turns to pinkish or purple color in Autumn, a distinct color which holds until Spring.		
15 to 18 in.	25 00	225 00
18 to 24 in.	30 00	275 00
2 to 2½ ft.	35 00	325 00
2½ to 3 ft.	42 50	400 00
sabina (Savin Juniper) 3-4 ft.		
Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups. or low borders.		
15 to 18 in.	27 50	250 00
18 to 24 in.	32 50	300 00
2 to 2½ ft.	37 50	350 00
2½ to 3 ft.	45 00	425 00
3 to 3½ ft.	52 50	475 00

EVERGREENS—Continued

JUNIPERUS (JUNIPER)—Continued

scopulorum (Colorado Silver Juniper) 25-30 ft.

Seedling form of the widely known and valuable Western Juniper. Silvery foliage, symmetrical growth. Thrives in hot, dry weather.

	Per 10	Per 100
2 to 2½ ft.	$32 50	$------
3½ to 4 ft.	47 50	------

virginiana, Red Cedar.

Deep green foliage. Can be sheared into any form.

2 to 2½ ft.	27 50	250 00
2½ to 3 ft.	30 00	275 00
3 to 3½ ft.	37 50	350 00
3½ to 4 ft.	45 00	425 00

virginiana pyramidalis

Dark green foliage; rapid grower; may easily be trimmed into numerous forms.

2½ to 3 ft.	47 50	------
3 to 3½ ft.	55 00	------

virginiana pyramidiformis (Dundee Juniper) 15-20 ft.

Compact symmetrical growth; grayish green foliage, changes to deep purple in winter. The foliage is retained the entire length of each branch.

3½ to 4 ft.	62 50	------
4 to 5 ft.	77 50	------
5 to 6 ft.	90 00	------
6 to 8 ft.	110 00	------

PINUS (PINE)

nigra (Austrian or Black Pine) 60-70 ft.

Remarkably robust, spreading; leaves long, stiff and dark green. Hardy. Used extensively in cities, as it is not affected by coal, gas, and smoke.

2 to 3 ft.	35 00	------
5 to 6 ft.	65 00	------
6 to 8 ft.	80 00	------

BOXING CHARGES

30x30x10	$7 00	24x24x6	$4 50
30x30x8	6 00	20x20x10	5 00
30x30x6	5 00	20x20x8	4 50
30x30x5	4 50	20x20x5	3 75
30x30x4	3 50	18x19x10	5 50
24x24x10	6 00	16x16x10	4 25
24x24x8	5 50	12x12x10	3 50

CORRUGATED BOXES

72x20x20	$2 75	48x20x20	$1 25
60x20x20	1 75	36x20x20	1 00

BASKETS

1 bushel ---------- $ .50 ½ bushel ---------- $ .35

Bales will be charged at actual cost of the material and labor.

ROSES

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

Delivery of healthy vigorous rose bushes can be made any time after early February.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

WE DO NOT BREAK BUNDLES

* Available Southern grown only.

** Available California grown only.

*** Available both Southern and California grown.

PLEASE SPECIFY PREFERENCE

Unless preference is stated we reserve the right to supply Texas or California grown roses at our discretion.

Number after name of variety represents rating given it by the American Rose Society.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6 50	$ 60 00	$550 00
Assorted as follows, No. 1½	5 25	47 50	425 00

RED SHADES

*** **Ami Quinard,** (6.3) dark velvety crimson, almost black; fragrant.

*** **Better Times,** (6.3) large, double, fragrant cerise flowers. Excellent for forcing.

** **Christopher Stone,** (8.1) fragrant vivid-scarlet, free blooming plant.

*** **Crimson Glory,** (9.1) one of the most popular crimson roses, recently on the patented list.

* **Crimson King,** (7.1) dark red. Medium height plant.

** **E. G. Hill,** (6.3) great massive blooms of deep velvety maroon.

*** **Etoile de Hollande,** (8.1) one of the best dark red roses; a strong grower, free flowering and very fragrant.

*** **Grenoble,** (6.3) one of the best reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.

** **Night, (5.7)** a new very dark rose; bud almost black on long strong stem; an upright and hardy plant.

*** **Poinsettia,** (7.6) one of the most brilliant red roses ever produced. Poinsetta scarlet. Good grower and fine cut flower.

*** **Red Radiance** (7.9) bright rosy red, free blooming; delightfully fragrant.

** **Red Talisman,** (7.0) Talisman sport. Bud long pointed; flowers large, double and fragrant. Deep cerise red blending into yellow shade at base.

** **Rouge Mallerin,** (6.6) large, lasting velvety red, very double blooms.

ROSES—Continued

PINK SHADES

* **Briarcliff,** (6.2) silvery rose-pink.

*** **Editor McFarland,** (7.1) shapely buds and double, brilliant pink blooms. Profuse bloomer.

*** **Picture,** (8.0) a very beautiful rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.

** **Pink Dawn,** (7.1) deep rose-pink, lightly toned orange; well formed flowers.

*** **Pink Radiance,** (7.9) large brilliant rose-pink; very fragrant. A most popular variety.

*** **The Doctor,** (7.6) a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.

YELLOW SHADES

*** **Eclipse,** (8.1) yellow tapering buds on vigorous and branching plants.

*** **Golden Charm,** (6.4) dainty pointed yellow blooms.

** **Golden Dawn,** (7.5) low growing bush, with medium yellow bloom.

** **Golden Rapture,** (6.2) rich yellow. Long strong stems.

** **Joanna Hill,** (7.1) double blooms of golden buff, yellow center; fragrant.

* **Luxembourg,** (6.5) large coppery yellow flowers.

*** **McGredy's Yellow,** (7.5) well formed flowers of bright buttercup yellow. Glossy.

** **Mrs. E. P. Thom,** (6.7) large, well shaped, bright canary yellow.

** **Mrs. P. S. DuPont.** (7.4) bud reddish-gold, flower golden-yellow, lighter with age.

*** **Soeur Therese,** (7.5) double rich yellow blooms; vigorous, upright and profuse.

*** **Yellow Sastago,** (7.0) vigorous yellow sports of the popular two-toned variety.

TWO-TONED SHADES

*** **Condesa de Sastago,** (7.4) petals are coppery pink inside, golden reverse.

** **Contrast,** (6.6) long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.

*** **Countess Vandal,** (7.5) pink, copper, gold and salmon color combinations; long pointed buds, strong stems.

** **Duquesa de Penaranda,** (7.2) strong, vigorous grower, very free flowering; apricot orange to dark pink. A most desirable variety.

*** **Pres. Herbert Hoover,** (7.7) a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.

*** **Talisman,** (6.5) golden-yellow, stained coppery-red and orange-rose; a favorite variety.

WHITE SHADES

* **Caledonia,** (5.5) large double, white; long buds opening to large, double flowers.

*** **K. A. Victoria,** (6.7) very popular, free flowering, double, pure white.

** **McGredy's Ivory,** (7.2) Ivory-white, perfectly shaped double blooms; sweet scented.

** **Snowbird,** (7.6) Most prolific pure white bedding rose. Full petaled and perfectly formed.

ROSES—Continued

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6 50	$ 60 00	$550 00
Assorted as follows, No. 1½	5 25	47 50	425 00

*** **Frau Karl Druschki,** (8.0) very popular large pure white.

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 6 50	$ 60 00	$550 00
Assorted as follows, No. 1½	5 25	47 50	425 00

** **Cameo,** (7.8) shell pink and salmon with a glow of gold; blooms continuously.

** **Charlie McCarthy,** miniature buds that open to pure white blooms 1½ to 2 in. in diameter make a snowbank of the plant from spring until fall. Rounded 18 inch plants are covered with luxuriant foliage so bright that it appears to be polished. Dependable.

** **Else Poulsen,** (7.6) splendid bright rose-pink flowers of large size; fragrant.

** **Eutin, (8.6)** clusters of very double, deep red flowers. Vigorous grower. mildew resistant bush.

*** **Floradora,** (8.2) scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

** **Frensham,** (9.0) large semi-double, slightly fragrant, deep crimson. Foliage dark and leathery. Very vigorous, bushy, abundant bloom. Awarded Gold Medal Certificate A.R.S. at St. Louis in spring 1955.

** **Garnette,** (7.5) comparatively new variety of merit producing petite red sweetheart roses. Plant attains height of about 18 inches carrying crinkled holly-like foliage.

NOTE: Priced 5 cents per plant higher.

* **Lafayette Improved,** (7.3) large flowers of bright cherry-crimson.

** **Lipstick,** semi-double in clusters, brilliant, deep pink, shaded salmon, vigorous grower 3-4 ft.

** **Poulsen's Bedder,** (7.6) strong upright plants of about 3 ft. Produces masses of large slightly ruffled blooms of a clear rich pink. Long lasting.

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
*** **Grootendorst Pink,** (7.3) charming pink variety of Grootendorst.			
2 to 3 ft.	$ 7 00	$ 65 00	$------
18 to 24 in.	6 00	55 00	------
12 to 18 in.	5 00	45 00	------
* **Hansa,** (7.7) large, double reddish violet flowers; very hardy.			
2 to 3 ft.	7 00	65 00	600 00
18 to 24 in.	6 00	55 00	500 00
12 to 18 in.	5 00	45 00	400 00
* **Hugonis,** (7.8) early blooming shrub rose; pale yellow; hardy			
2 to 3 ft.	6 50	60 00	------
18 to 24 in.	5 50	50 00	------
12 to 18 in.	4 00	35 00	------

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS—Continued

	Per 10	Per 100	Per 1000
* **Sir Thos. Lipton,** (7.0) snowy white flower freely produced.			
18 to 24 in.	$ 5 50	$ 50 00	$450 00
12 to 18 in.	4 50	40 00	350 00

CLIMBERS and RAMBLERS

	Per 10	Per 100	Per 1000
*** **Blaze,** (8.1) hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet crimson flower.			
XX Heavy	$ 7 00	$ 65 00	$------
No. 1	6 50	60 00	550 00
No. 1½	5 50	50 00	450 00
No. 2	3 70	32 00	280 00
Climbing Crimson Glory— See patented roses for prices and descriptions.			
Climbing Hybrid Perpetual			
F. K. Druschki, climbing form of the well known white shrub variety.			
No. 1	7 00	65 00	------
No. 1½	6 00	55 00	------
Climbing Hybrid Tea			
No. 1	7 00	65 00	600 00
No. 1½	6 00	55 00	500 00

* **Briarcliff,** silvery rose pink.
* **Caledonia,** large double white.
** **Etoile de Hollande,** dark red.
* **Golden Charm,** yellow
* **Mrs. P. S. Dupont,** golden yellow.
* **Pink Radiance,** fragrant rose-pink.
* **Poinsettia,** brilliant red.
** **Pres. Hoover,** cerise toned yellow, orange and scarlet; very fragrant.
* **Red Radiance,** fragrant rosy-red.
*** **Talisman,** two-tone, yellow and copper.

	Per 10	Per 100	Per 1000
** **Doubloons,** (7.1) Buds and flowers of clear golden yellow.			
No. 1	6 50	60 00	------
No. 1½	5 50	50 00	------
No. 2	4 00	35 00	------
Dr. J. H. Nicolas—See patented roses for prices and descriptions.			
King Midas—See Patented Roses for prices and description.			
*** **New Dawn,** (8.8) fragrant blush pink flowers in clusters. Everblooming.			
No. 1	6 50	60 00	------
No. 1½	5 50	50 00	------
No. 2	4 00	35 00	------
*** **Paul's Scarlet Climber,** (9.1) large intense scarlet flowers borne in clusters, free-flowering and hardy.			
XX Heavy	6 50	60 00	------
No. 1	6 00	55 00	500 00
No. 1½	5 00	45 00	400 00
No. 2	3 20	28 00	250 00
* **Primrose.** (6.6) double, canary-yellow flowers; hardy.			
No. 1	6 00	55 00	------
No. 1½	5 00	45 00	------
No. 2	3 50	30 00	------

Our roses are stored in our cold storage, where temperature and humidity is thermostatically controlled. We have equipped this storage with ultra-violet ray lamps which enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants.

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. PRICES ARE NET.

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each
** **Capistrano,** (7.4) Patent No. 992. (Retails $2.00 ea.; 3 or more $1.75 ea.) Rich shade of deep glowing rose pink in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.			
No. 1	$ 1 10	$ ----	$ ----
No. 1½	88	----	----
** **Charles Mallerin,** (7.1) Patent No. 933. (Retails $2.50 ea.; 3 or more $2.20 ea.) Originated in France by Francis Meilland. A gorgeous rose with blooms of midnight crimson velvet. Broad and heavy; very fragrant.			
No. 1	1 40	1 25	----
No. 1½	1 12	1 00	----
*** **Charlotte Armstrong,** (9.0) Patent No. 455. (Retail $2.00 ea. 3 or more $1.85 ea.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
*** **Chrysler Imperial,** (8.7) Patent No. 1167. (Retails $2.50 each; 3 or more $2.20 ea.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose, its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gemlike lustre of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large, high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, irridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.			
No. 1	1 40	1 25	----
No. 1½	1 12	1 00	----
*** **Crimson Glory,** See non Pat. H. T.'s			
** **Diamond Jubilee,** (6.6) Patent No. 824. (Retails $2.00 ea.; 3 or more $1.75 ea.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.			
No. 1	1 10	----	----
No. 1½	88	----	----

ROSES—Continued

PATENTED ROSES—Continued

		10-20 Each	20-100 Each	100-250 Each
***	**Forty-Niner,** (6.8) Patent No. 792. (Retails $2.25 ea.; 3 or more $2.00 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brillliance, and yet they blend together beautifully. Inside of petals is a vivid orient-red while the outside is a chrome-yellow, changing to straw-yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals, mildly fragrant.			
	No. 1	$ 1 25	$ 1 12½	$ ----
	No. 1½	1 00	90	----
**	**Fred Howard,** (6.8) Patent No. 1006. (Retails $2.00 ea.; 3 or more $1.75 ea.) Long, rich yellow buds are tipped with delicate penciling of light pink. Strong, hardy, fully branched; dark shiny foliage; grows high; long stems excellent for cutting; blooms from early spring to late fall. A.A.R.S. award 1952.			
	No. 1	1 10	1 00	----
	No. 1½	88	80	----
***	**Golden Scepter,** (7.5) Patent No. 910. (Retails $2.00 ea.; 3 or more $1.75 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.			
	No. 1	1 10	1 00	----
	No. 1½	88	80	----
***	**Helen Traubel,** (8.9) Patent No. 1028. (Retails $2.50 ea.; 3 or more $2.20 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificient and the half open flower and the glorious fully opened blooms display the lovely color in a more lavish way. Very vigorous. A.A.R.S. award for 1952.			
	No. 1	1 40	1 25	----
	No. 1½	1 12	1 00	----
**	**Katherine T. Marshall,** (7.2) Patent No. 607. (Retails $1.75 ea.; 3 or more $1.55 ea.) A rose of rare beauty and delicacy of form—growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.			
	No. 1	1 00	87½	----
	No. 1½	80	70	----
**	**Lowell Thomas,** (7.7) Patent No. 595. (Retails $2.00 ea.; 3 or more $1.75 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.			
	No. 1	1 10	1 00	----
	No. 1½	88	80	----

ROSES—Continued

PATENTED ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
*** **Mirandy,** (7.7) Patent No. 632. (Retails $2.00 ea.; 3 or more $1.75 ea.) First place winner of All-American rose competition of 1945. A strong free-branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals display new beauties of form and is long lasting. Marvelously fragrant.			
No. 1	$ 1 10	$ 1 00	$ ----
No. 1½	88	80	----
** **Mission Bells,** (7.8) Patent No. 823. (Retails $2.00 ea.; 3 or more $1.75 ea.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across A. A. R. S. award for 1950.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
*** **Mojave,** (7.0) Patent No. 1176. (Retails $2.75 ea.; 3 or more $2.40 ea.) NEW A.A.R.S. Award Winner. A Charlotte Armstrong cross retaining many of the fine plant characteristics of its parents along with the slender bud of that variety. The color is a blend of salmon, apricot and orange, and occasionally in cool weather the salmon changes to red blended with the other two colors.			
No. 1	1 50	1 37½	----
No. 1½	1 20	1 10	----
*** **New Yorker,** (8.0) Patent No. 823. (Retails $2.00 ea.; 3 or more $1.75 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
** **Nocturne,** (8.1) Patent No. 713. (Retails $2.00 ea.; 3 or more $1.75 ea.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
*** **Peace,** (9.6) Patent No. 591. (Retails $2.50 ea.; 3 or more $2.20 ea.) Ovoid buds are golden-yellow etched with pink as they open, color changes from canary-yellow, pale golden, to irridescent cream. Petals are edged with apple-blossom-pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.			
No. 1	1 40	1 25	----
No. 1½	1 12	1 00	----

ROSES—Continued

PATENTED ROSES—Continued

		10-20 Each	20-100 Each	100-250 Each
***	**President Eisenhower,** (6.3) Patent No. 1217. (Retails $2.00 ea.; 3 or more $1.75 ea.) Large ovoid buds open wide to 4 to 5 inch blooms with 35 to 40 curved petals. Rich uniform rose-red of lasting brilliance with a strong very sweet, old rose fragrance. Blooms come singly on strong stems. Free and continuous bloomer on upright, bushy, heavy caned plants 2½ to 3 feet high, with few thorns and leathery, dark green, disease resistant foliage.			
	No. 1	$ 1 10	$ 1 00	$ ----
	No. 1½	88	80	----
**	**Rubaiyat,** (8.2) Patent No. 758. (Retails $1.75 ea.; 3 or more $1.55 ea.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly opens into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter, A.A.R.S. award for 1947.			
	No. 1	1 00	87½	----
	No. 1½	80	70	----
**	**Sleigh Bells,** Patent No. 1004 (Retails 2.00 ea; 3 or more $1.75 ea.) The large ovoid buds are borne singly on long stems. The freely produced flowers open gradually into blooms of great size with 40 or more petals, lovely in all states. Fragrant, vigorous and disease resistant.			
	No. 1	1 10	----	----
	No. 1½	88	----	----
**	**Sun Valley,** (6.4) Patent No. 1135. (Retails $2.50 ea.; 3 or more $2.20 ea.) The new yellow rose that will not fade in bright hot sunshine. Full beautifully shaped buds open to large long lasting blooms borne on tall straight stems. The disease resistant foliage and its shining dark green tone forms a perfect foil for the golden flowers borne in season long profusion.			
	No. 1	1 40	1 25	----
	No. 1½	1 12	1 00	----
***	**Sutters Gold,** (8.1) Patent No. 885. (Retails $2.25 ea.; 3 or more $2.00 ea.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high centered and richly colored.. A.A.R.S. award for 1950.			
	No. 1	1 25	1 12½	----
	No. 1½	1 00	90	----
**	**Tallyho,** (8.4) Patent No. 828. (Retails $2.00 ea.; 3 or more $1.75 ea.) Deep Cardinal-red buds open to large high centered double flowers with a spicy fragrance. The inside of the petals are old rose while the reverse side is brilliant crimson. The tall robust plants are very hardy. A.A.R.S. Award for 1949.			
	No. 1	1 10	1 00	----
	No. 1½	88	80	----

ROSES—Continued

PATENTED ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
** **Tiffany,** Patent No. 1304. (Retails $2.75 each 3 or more $1.75 ea.) Ovoid buds open to large high-centered blooms of pink with golden shading at base of petals. The double blooms have an outstanding fragrance. Petals of heavy texture are very long lasting. A.A.R.S. award for 1955.			
No. 1	$ 1 50	$ 1 37½	$ ----
No. 1½	1 20	1 10	----

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each
** **Aloha,** (6.2) Patent No. 948. (Retails $2.50 ea.; 3 or more $2.20 ea.) The primary bud develops into a gorgeous five inch bloom, but the secondary buds do not open fully until the first flower has practically finished. Rich rose-pink with soft lilac silvery pink on inside of petals when open. Deeper tones when in tight buds.			
No. 1	$ 1 40	$ 1 25	$ ----
No. 1½	1 12	1 00	----
*** **Cl. Crimson Glory,** (8.3) Patent No. 736. (Retails $2.50 ea.; 3 or more $2.20 ea.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.			
No. 1	1 40	1 25	----
No. 1½	1 12	1 00	----
** **Cl. Peace,** (7.2) Patent No. 932. (Retails $2.00 ea.; 3 or more $1.75 ea.) Climbing form of the famous bush. Hybrid Tea.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
** **Cl. Summer Snow,** (7.7) patent No. 400. (Retails $2.00 ea.; 3 or more $1.75 ea.) Everblooming white climber. Clusters of pure white flowers.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
*** **Dr. J. H. Nicolas,** (7.1) Patent No. 457. (Retails $2.00 ea.; 3 or more $1.75 ea.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is everblooming.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
*** **King Midas,** (6.7) Patent No. 586. (Retails $2.00 ea.; 3 or more $1.75 ea.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.			
No. 1	1 10	1 00	----
No. 1½	88	80	----

PATENTED FLORIBUNDA

	10-20 Each	20-100 Each	100-250 Each
*** **Chatter,** (7.3) Patent No. 739. (Retails $1.50 ea.; 3 or more $1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.			
No. 1½	$ 90	$ 75	$ ----
No. 1½	72	60	----

ROSES—Continued

PATENTED FLORIBUNDA—(Continued)

CIRCUS
Patent No. 1382
A. A. R. S. Award for 1956

Perfect urn-shaped buds of bright reds and yellows, each color changing as the high-centered flower unfolds. Predominating color may be orange, then pink or gold, maturing a bright red. Mildly fragrant and of lasting substance making it fine for cutting. Plant is vigorous, medium low and compact with handsome foliage. (Retails $2.50 ea.; 3 or more $2.20 each).

	10-20 each
No. 1	$1 40
No. 1½	1 12

	10-20 Each	20-100 Each	100-250 Each
*** **Fashion,** (8.9) Patent No. 789. (Retails $2.00 ea.; 3 more $1.75 ea.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. award for 1950.			
No. 1	$ 1 10	$ 1 00	$ ----
No. 1½	88	80	----
** **Frolic,** (7.7) Patent No. 1179. (Retails $2.00 ea.; 3 or more $1.75 ea.;) Medium sized compact plant covered with clear pink blooms. A perfect Floribunda for hedges, borders or show.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
** **Geranium Red,** (7.1) Patent No. 811. (Retails $1.75 ea.; 3 or more $1.55 ea.) Flowers very double (50 petals.) Strong geranium fragrance, bright geranium-red; cluster.			
No. 1	1 00	87½	----
No. 1½	80	70	----
*** **Goldilocks,** (7.3) Patent No. 672. (Retails $1.50 ea.; 3 or more $1.30 ea.) Rich golden yellow, buds are ovoid in shape, long lasting, hardy, and vigorous.			
No. 1	90	75	----
No. 1½	72	60	----
** **Holiday,** (5.5) Patent No. 915. (Retails $1.50 ea.; 3 or more $1.30 ea.) Orange-yellow buds brushed pink on the outside, strong vermillion red on the inside. Rich spicy fragrance.			
No. 1	90	75	----
No. 1½	72	60	----

ROSES—Continued

PATENTED FLORIBUNDA—(Continued)

	10-20 Each	20-100 Each	100-250 Each
** **Jiminy Cricket.** Patent No. 1346. (Retails $2.25 ea.; 3 or more $2.00 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. award for 1955.			
No. 1	$ 1 25	$ 1 12½	$ ----
No. 1½	1 00	90	----
* **Lavender Pinocchio,** (5.7) Patent No. 947. (Retails $2.00 ea.; 3 or more $1.75 ea.) An entirely new color in roses. True, clean lavender enriched by mass of golden yellow stamens. This lovely color changes at various stages.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
** **Lilibet,** (6.8) Patent No. 1209. (Retails $2.00 ea.; 3 or more $1.75 ea.) A.A.R.S. Award for 1954. The model hardy plant carries clusters of radiant roses in a color range from light rose to soft pink in the progressive stages of bloom. Mildew and spot resistant.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
*** **Ma Perkins,** (8.0) Patent No. 1143. (Retails $2.00 ea.; 3 or more $1.75 ea.) NEW 1953 A.A.R.S. WINNER. This very free blooming Floribunda rose, with its sweetly pungent fragrance, shows a translucent light fashion color with shades of red in outer petals. A suffusion of yellow is present in all the early stages of bloom. With aging comes a soft coral shell pink. Ma Perkins is strong, yet compact. Flowers are cup shaped. Rich green foliage.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
*** **Pinkie,** (7.6) Patent No. 712. (Retails $1.75 ea.; 3 or more $1.55 ea.) A new Polyantha producing an abundance of long slender and perfect little pink buds opening to flowers of about two inches across with 14 to 16 petals. Almost continuous bloom throughout the season on a two foot plant carrying light green glossy foliage. Flowers have spicy fragrance. A.A.R.S. award for 1948.			
No. 1	1 00	87½	----
No. 1½	80	70	----
*** **Pinocchio,** (7.8) Patent No. 484. (Retails $1.50 ea.; 3 or more $1.30 ea.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to minature hybrid-tea like roses of soft clear pink and in great clusters.			
No. 1	90	75	----
No. 1½	72	60	----

ROSES—Continued

PATENTED FLORIBUNDA—(Continued)

	10-20 Each	20-100 Each	100-250 Each
*** **Red Pinocchio,** (8.8) Patent No. 812. (Retails $1.50 ea.; 3 or more $1.30 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Wild rose fragrance. Vigorous; prolific bloomer.			
No. 1	$ 90	$ 75	$ ----
No. 1½	72	60	----
*** **Summer Snow** (7.4) Patent No. 416. (Retails $1.50 ea.; 3 or more $1.30 ea.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.			
No. 1	90	75	----
No. 1½	72	60	----
*** **Vogue,** (8.5) Patent No. 926. (Retails $2.00 ea.; 3 or more $1.75 ea.) New Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three to four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flower. Rich spicy fragrance. A.A.R.S. award for 1952.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
*** **White Pinocchio,** (6.1) Patent No. 1010. (Retails $1.50 ea.; 3 or more $1.30 ea.) New outstanding Floribunda, semi-double flowers of pure white with yellow stamens. Large 2 to 2½ in. flowers.			
No. 1	90	75	----
No. 1½	72	60	----
*** **Yellow Pincchio,** (6.2) Patent No. 992. (Retails $1.50 ea.; 3 or more $1.30 ea.) Newest member of the Pinocchio family. Sturdy bush about three feet tall, producing great masses of bloom in an apricot-yellow color. When at the peak of bloom, it is a rounded mound of yellow.			
No. 1	90	75	----
No. 1½	72	60	----

OUR STORAGE IS EQUIPPED WITH ELECTRONICALLY CONTROLLED EXHAUST FANS TO INSURE STORAGE OF STOCK IN EXCELLENT SHAPE.

PATENTED GRANDIFLORA ROSES

The New Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the Hybrid Tea.

	10-20 Each	20-200 Each	100-250 Each
** **Buccaneer,** (7.4) Patent No. 1119. (Retails $2.50 ea.; 3 or more $2.20 ea.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.			
No. 1	$ 1 40	$ 1 25	$ ----
No. 1½	1 20	1 00	----
** **Carrousel,** (8.8) Patent No. 1066. (Retails $2.00 ea.; 3 or more $1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.			
No. 1	1 10	1 00	----
No. 1½	88	80	----
** **Queen Elizabeth,** Patent No. 1259 (Retails $3.00 ea.; 3 or more $2.65 ea.) Pure pink blooms of the Hybrid Tea type borne on long stems. Glossy deep green foliage. A.A.R.S. Award for 1955.			
No. 1	1 50	1 37½	----
No. 1½	1 20	1 10	----

MINIATURE TREE ROSES

These are miniature roses budded on sturdy 10" canes and require no staking to support a 12" head. Each little tree is a perfect bouquet, from early spring until late fall. Excellent as use for borders, for beds or walk-ways. Very appealing to the pot plant buyers. The rose grows from 8 to 12 inches above the cane, giving that clean appearance from the ground to the head. Easy to grow.

	10-20 Each
** **Baby Gold Star.** Patent No. 407 The glossy green foliage is a perfect setting for the exquisite yellow buds which are held firmly erect on stems long enough to make striking miniature arrangements or dainty corsages. The enchanting buds unfold slowly to reveal their names. "Baby Gold Stars".	
No. 1	$ 2 00
** **Oakington Ruby.** The dense fernlike foliage adds charm to the deep crimson buds that open to tiny, ruby red flowers. The tiny foliage and constant blooms make this a miniature rose tree out of "Fairyland."	
No. 1	2 00
** **Pixie.** Patent No. 408. The world's tiniest double white rose. It shows pink shadings in cool weather Very free bloomer. Dainty foliage.	
No. 1	2 00
** **Red Imp.** Patent No. 1032. A lovely red addition to our miniatures; deep rich crimson that is startling in its brightness. Unfading, solid color. Very double with 45 to 60 petals packed tightly right to the center. Opens very flat.	
No. 1	2 00
** **Sweet Fairy.** Patent No. 748. Fragrant, dark pink buds; very double, 1" blooms of apple-blossom-pink. True rose frangrance fine long lasting flowers.	
No. 1	2 00

PEONIES

We are growing the best of the old and many of the recent introductions of exceptionally outstanding merit.

The roots offered are strong 3/5 eye divisions, true to name, from healthy 3 year old clumps. Available after September 15th.

Number after name of variety represents rating given it by the American Peony Society.

PINK EARLY

	Per 10	Per 100
Edulis Superba (Lemoine 1903) 7.6. deep pink.	$ 3 20	$ 28 00
Mons Jules Elie (Crousse 1888) 9.2. Glossy lilac-pink shading to deep rose at base.	5 00	------

PINK MIDSEASON

Mrs. Deane Funk (Brand 1928) 9.05. Semi-double. Large rose petaled pure pink flowers with row of golden stamens. A show peony.	5 50	------
Queen Emma, 7.8. Rose type. Large, flat compact blooms of pale lilac-rose. Strong erect grower.	4 50	------
Souv. de Louis Bigot (Dessert) 9.1. Vivid rich pink with a salmon undertone. Attractive and free flowering.	6 00	------
Therese (Dessert 1904) 9.8. A rich satiny pink with flowers of enormous size produced in large quantities.	7 50	------
Tourangelle (Dessert 1910) 9.4. A vigorous grower, pearly white overlaid with delicate salmon and rose.	5 00	------

PINK LATE

Lady Kate (Vories 1924) 8.85. Double. Rose type. Graceful pink flowers on straight stems. Tall plant. One of the best lates.	5 00	------
Martha Bulloch (Brand 1907) 9.1. Rose-type. Mammoth cup shaped blooms. Deep rose pink with center shading to silvery shell-pink in the outer petals.	7 50	------
Sarah Bernhardt (Lemoine 1806) 9.0. Flowers of remarkable size in clusters full and double; apple blossom pink with each petal silvery tipped.	5 50	50 00

RED MIDSEASON

David Harum (Brand) 8.4. Tyrain rose without stamens, Double.	5 00	------
E. G. Hill (Lemoine 1906) 7.8. Semi-rose type. Rich red fragrant flowers on strong, upright growing plant. Free bloomer.	5 00	------
Felix Crousse (Crousse 1881) 8.4. Bright ruby-red. Double.	4 50	------
Francois Ortegat (Parmentiers 1850) 8.7. Purplish crimson.	3 20	------
Karl Rosenfield (Rosenfield 1890) 8.8. Brilliant dark crimson.	5 00	45 00
Mary Brand (Brand 1907) 8.7. Double rose type bloom of dark crimson with brilliant sheen.	6 50	------
Rachel 7.9. Large double rose type of bright garnet.	4 00	35 00

WHITE EARLY

Festiva Maxima (Meillez 1885) 7.3. White, center crimson flecked Very large.	5 00	------

WHITE MIDSEASON

Marie Jacquin (Verdier) 8.3. Semi double. Glossy white flowers with a rich fragrance. Rosy blush during early stages.	4 50	------

WHITE LATE

Solange (Lemoine 1907) 9.7. Very large full flowers of great beauty. Delicate lilac-white with salmon shading.	7 50	------

PEONIES—BY COLOR

PINK, unnamed	2 90	25 00
RED, unnamed	2 90	25 00

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by EXPRESS.

Perennials offered in this section are bare-root.

	Per 10	Per 100
AQUILEGIA, Columbine. May-June.		
Chrysantha, best long-spurred golden yellow flowers, 2½ ft. Late.	$ 1 80	$ 15 00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft.	1 40	12 00
Lavender and Blue Shades, long spurred flowers. 2 ft.	2 10	18 00
Rose Queen, rose with white corolla. 18 in.	2 10	18 00
ARTEMISIA—Southernwood, Sage Brush		
Silver King. A striking white leaved contrast plant. Entire color effect bright frosted silver. Fine for winter bouquets. 3 ft.	2 10	18 00
ASTERS, HARDY—Starwort or Michaelmas Daisy. Sept.-Oct.		
Beechwood Challenger, clear crimson-red, free-flowering. 3½ ft.	2 10	18 00
Blue Boy, low growing deep blue flowers	1 80	15 00
Blue Lagoon, new variety of the Novi-Belgii type flowers, quiet and lovely	1 80	15 00
Harrington's Pink, silvery rose-pink, prolific bloomer. 4 ft.	2 10	18 00
Mt. Everest, Finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growth, which flower right down to the ground. Very small eye. 3 to 4 ft.	2 10	18 00
Palmyra. The best pink of Novi-Belgii type. A very hardy vigorous growing Aster with masses of semi-double pure pink flowers which makes perfect pyramids on sturdy stems in mid-September to frost. 3 to 4 ft.	2 10	18 00
Red Rover. The first red fall Aster. Deep rosy red flowers with golden centers; buds bright red. Free blooming, compact habit Sept. to frost 2 to 4 ft.	2 10	18 00
Sunset, A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. 36 in. tall.	1 80	15 00
BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)		
CAMPANULA, Bellflower		
Medium (Single canterburybells), large bell-shaped flowers **Blue, Rose and White,** separate colors, June 2 ft.	1 40	12 00

CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2½ inch pot plants.

STANDARD AND KOREAN VARIETIES

	Per 10	Per 100
Algonquin, a very hardy variety, with healthy foliage. Flowers will stand 25 degree temperature. Pure bright yellow flowers; large and double. Early.	$ 1 80	$ 15 00
Dahlia Flower, low growing branchy plants covered with bloom of a deep wine red.	1 80	15 00
Yellow Avalanche, large double sport of Avalanche. Sept. 15 18 to 24 in.	2 90	25 00

HARDY PERENNIAL PLANTS—Continued

CHRYSANTHEMUMS—Continued

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

	Per 10	Per 100
Charm Spoon. Blooms open to a lovely rhodonite-red and gradually fades to a rich dusty rose. Excellent habit of growth. Late September. 26 inches.	$ 2 40	$ 20 00
Huntsman, bright scarlet orange overlaid with bronze tints. Hardy and good cut flower. Early October.	2 90	25 00
Maroon & Gold, rich 4 inch flowers of mahogany bronze. Early September. 24 inches.	2 10	18 00
Pink No. 1092, lavender-pink, upturned petals. Good cut flower. Sept. 15. 18 inches.	2 10	18 00
Purple Star. Bright dahlia-purple flowers of star-like shape, semi-double to nearly double. Early September. 2 ft.	2 10	18 00
September Bronze. Golden bronze pompom. Late September 18 inches.	2 10	18 00

UNIVERSITY OF MINNESOTA INTRODUCTIONS

Butterball. Double ball-like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 18 inches.	2 10	18 00
Chippewa. Bright aster-purple, slightly incurved. Early September. 24 inches.	2 10	18 00
Dr. Longley. Double bright rose pink. August 20, 18 in.	2 90	25 00
Glacier. Pure glistening white, fully double flowers. Plants are covered solidly with blooms. Fine for borders. Late Aug. 16 inches.	2 10	18 00
Martin's White. Four inch pure white flowers on compact bushy plant. September 15.	2 10	18 00
Red Gold. Double. Blooms are a lively combination of red and golden orange. Flowers withstand 25 degree temperature. Late August. 20 inches.	2 10	18 00
Violet. The newest University of Minnesota purple introduction. Fully double, dahlia like blooms of good color cover entire plant. Late August. 20 inches.	2 10	18 00

UNIVERSITY OF CHICAGO INTRODUCTIONS

Courageous. Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with heavy green foliage. Late September.	$ 2 10	$ 18 00
Early Harvest. Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches.	2 10	18 00
Fairbow. Heavy blooming lavender-pink pompom. Splendid upright growth makes it a good cut flower. Early Sept.	2 10	18 00
Magnificent. Flowers of plum-red or rosy-cardinal with coppery cast. Strong branches with 4 in. flowers excellent for cutting. Early October.	2 10	18 00
Olive Longland. Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect groth. Late September. 24-30 inches.	2 10	18 00
Remembrance Deep ruby-carmine color that is retained for the life of the flower. Very frost hardy. Late September.	2 40	20 00

NEW HARDY ENGLISH CHRYSANTHEMUMUS

Indiana. Double blooms of rich velvety crimson shaded darker at the center, borne on long stems. Good disbudded or in sprays. Late September. 24 inches.	2 40	20 00
Orange Glow. Orange-bronze flowers with gold reverse. Blooms profusely on good stems. Disbudding not necessary. Double. Mid-September. 26 inches.	2 90	25 00

HARDY PERENNIAL PLANTS—Continued

CHRYSANTHEMUMS—Continued Per 10 Per 100

NEW UNIVERSITY OF NEBRASKA INTRODUCTION

Osceola. Long stemmed flowers of bright yellow with coppery hues. Late August. 36 inches. ____ $2 40 $ 20 00

CUSHION CHRYSANTHEMUMS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Bronze Cushion, double flowers; compact mounds of bronze and copper. Early.	$1 80	$ 15 00
Golden Mound. Excellent golden cushion. Fine early pot plant. Early September. 18 inches.	2 40	20 00
Pink Cushion. Masses of light pink flowers in broad mounds.	1 80	15 00
Purple Cushion. A perfectly shaped, round bushy plant. Double purplish-rose colored flowers, with deep wine centers.	2 40	20 00
Red Cushion. A splendid improved early crimson red variety.	1 80	15 00
White Cushion, a select strain, double white flowers.	1 80	15 00
Yellow Cushion, pure golden yellow; early flowering and long lasting.	1 80	15 00
Yellow Supreme. Double bright lemon yellow.	1 80	15 00

CARNATION HARDY—See Dianthus Grenadin Caryophyllus

DAISY SHASTA, Chrysanthemum Maximum	Per 10	Per 100	Per 1000
Alaska Supreme, shapely plants, large flowers. June-July.	$ 1 20	$ 10 00	$ 80 00
Dieners Giant Double, many of the blooms are large and very double; an excellent cut flower variety. June- July. 2 ft.	1 80	15 00	____

DELPHINIUM, MISCELLANEOUS VARIETIES	Per 10	Per 100
Cliveden Beauty, large spikes, sky-blue flowers. Good forcer. Blooms most of the Summer. 4-5 ft.	$ 1 40	$ 12 00
La Martine, dark indigo-blue flowers. Blooms profusely and continuously all summer, is not subject to disease. 4-5 ft.	1 40	12 00

PACIFIC STRAIN OF DELPHINIUM HYBRIDS

Pacific Hybrids Mixed. This elegant strain of Delphinium is almost beyond description. Flower spikes 3 to 4 feet long closely packed with individual flowers from 2 to 3 inches across, many are double, semi-double, some single.	1 80	15 00
Sir Galahad, giant, pure white flowers often reach three inches in diameter. 5 to 6 foot stems.	2 40	20 00

DIANTHUS.

Barbatus, Old Fashioned Sweet William.
This is the Old Fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Giant White,	1 40	12 00
Newport pink. Rich salmon pink. This variety being grown from seed is always partly mixed.	1 40	12 00
Purple Beauty. Bright deep purple.	1 40	12 00
Scarlet Beauty. 18 inches.	1 40	12 00

HARDY PERENNIAL PLANTS—Continued

DIANTHUS GRENADIN CARYOPHYLLUS (HARDY CARNATION)

This is the hardiest of all outdoor carnations. Very fragrant, fully double producing large flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Dwarf Bright Scarlet	$ 1 80	$ 15 00
Golden Sun. Early flowering, very double, large clear yellow flowers.	1 80	15 00
Rose Queen Triumph. Deep delicate pink.	1 80	15 00
White	1 80	15 00

DIELYTRA, (DICENTRA) Bleeding Heart

	Per 10	Per 100	Per 1000
eximia, Fern-leaved Bleeding Heart. A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes in summer. 15 inch.	$ 2 10	$ 18 00	$160 00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. 18 in. Undivided plants. 3 to 5 eye.	4 50	40 00	------

FUNKIA, Hosta, plaintain Lily.

	Per 10	Per 100
lancifolia, (japonica) green foliage, lilac flowers. July-Aug. 18 in.	$ 1 80	$ 15 00
variegata, variegated foliage, blue flowers.	2 10	18 00

GAILLARDIA, Blanket Flower. June until frost.

Burgundy, rich wine-red; excellent for cutting. 1½ to 2 ft..	1 80	15 00
Dazzler, large golden and maroon flowers, strong stems. 1½ ft.	1 40	12 00

GYPSOPHILA, Baby's Breath

Bristol Fairy, large panicles of the purest white double flowers. Blooms all summer. 2 ft.	4 00	35 00

HEMEROCALLIS, Day Lily.

Flava, clear lemon yellow, sweet scented, profuse. June. 2½ ft.	1 40	12 00
Hyperion, popular yellow with very large slightly fragrant flowers Profilic bloomer. Mid-July to August. 3 feet.	3 20	30 00

HEUCHERA, Coralbells.

Brizoides, coral-pink, very prolific. May. 12 in 2 in. pot plants.	1 30	15 00

HOLLYHOCKS, Althea Rosea

Double separate colors, Pink, White and Yellow. July. 4 ft.	1 40	12 00

IBERIS, Hardy Candytuft.

sempervirens, each plant is a sheet of white in May and June; plants are dwarf, deep green foliage alomst evergreen. 8 in.	1 40	12 00

LATHYRUS, Perennial Sweet Pea

latifolium, a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft.	1 40	12 00

LAVENDULA (Lavender)

Vera, fragrant blue flowers. The true sweet Lavender. July and August. 18 in.	2 00	18 00

LILY-OF-THE-VALLEY (Convallaria majalis)

Very fragrant pure white, bell-shaped flowers for shaded locations.

Pips	40	3 50
Clumps (10 pips each)	2 90	25 00

LINUM, Flax

perenne, blue flowers, upright growth.	1 20	10 00
perenne alba, white flowers, upright growth.	1 20	10 00

HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
LYCHNIS, Champion		
Chalcedonica, Maltese Cross, vivid scarlet flowers. July. 2 ft.	$ 1 40	$ 12 00
LYTHRUM.		
The Beacon. For small border or large mass planting. The long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost.	2 10	18 00
Morden's Pink. Large flower sprays of clear pink. July-Sept. 2-3 ft.	2 10	18 00

MORDEN'S ROSE LYTHRUM

The very newest Lythrum from the Morden Experiment Station Manitoba, Canada. The plant is shapely and neat. Abundant foliage is dark green and glossy. Rich rose red flowers are the brightest yet seen in Lythrum. Aug.

Per 10	Per 100
$ 2 90	$ 25 00

	Per 10	Per 100
MYOSOTIS, Forget-me-not		
Palustris semperflorens, rich blue flower, yellow eye. Blooms all summer. 8 in.	$ 1 40	$ 12 00
Pink Beauty, large, deep pink. June to Sept.	1 40	12 00

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed.

American Beauty. A beautiful deep rose-pink. All that the name implies.	1 80	15 00
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three feet.	1 80	15 00
B. Comte, rich, satiny wine-red.	1 80	15 00
Bright Eyes. A seedling of Daily Sketch possessing it's parents fine quality. Extraordinarily large florets, possibly the largest of any Phlox. Brilliant red with dark center eyes.	2 10	18 00
Harvest Fire, large, salmon-orange trusses made up of large florets.	1 80	15 00
Leo Schlageter, brilliant scarlet with orange cast. 36 inches.	1 80	15 00
Lillian, a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	1 80	15 00
Mrs. Harding, deep salmon rose with orange cast. Very prolific; large flowering; branching habits.	1 80	15 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	1 80	15 00
Prime Minister, pure white and distinct crimson eye.	1 80	15 00
Progress. Superb light blue, handsomely set off with deeper purple-blue eyes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2 10	18 00
Purple Sweetheart, large reddish purple with darker eye. One of the best purples.	2 10	18 00
Salmon Beauty, one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox. 2 ft.	1 80	15 00
Starlight, large purplish-violet florets with white star at center which creates a most unusual effect, a variety that is always in good demand.	1 80	15 00
World Peace. Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white.	2 40	20 00

HARDY PERENNIAL PLANTS—Continued

	Per 10	Per 100
PHLOX, subulata, Moss or Mountain Pinks.		
alba, pure white flowers cover the compact plant in May.	$ 1 40	$ 12 00
atropurpurea, deep carmine red, darker eye. May-June. 4 in.	1 40	12 00
Autumn Rose. A fine pink recurrent flowering variety. Blooming in early spring as well as late summer.	2 10	18 00
Emerald Cushion. A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox.	2 10	18 00
Lilacina, a strong-growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in.	1 40	12 00
May Snow. An extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2 10	18 00
Moerheimi. An excellent Dutch introduction producing large pink flowers in spring.	2 10	18 00
Samson. Rose-pink; darker eye. Blooms again in the Fall.	1 40	12 00
White Delight. One of the newer subulata varieties, having dazzling white flowers in early spring.	2 40	20 00
PHYSALIS, Chinese Lantern Plant.		
franchetti. Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.	1 40	12 00
PHYSOSTEGIA, False Dragonhead		
virginica vivid, large deep pink, splendid cut flowers. Dwarf.	2 10	18 00
PLATYCODON, Balloon Flower. June and July. 18 in.		
grandiflorum, blue.	1 40	12 00
grandiflora rosea, Lovely new pure rose-pink.	1 80	15 00
PLUMBAGO, Leadwort		
★**larpentae,** Desirable border and rock plant. Dwarf spreading habit. Covered with deep blue flowers during late summer and fall. 6 inches.	2 10	18 00
PYRETHRUM, Painted Daisy. May-June. 18 in.		
hybridum roseum, soft pink and rose shades, single.	1 40	12 00
Robinsons Dark Crimson. Flowers crimson scarlet and immensely large. Strong long stems and very free flowering.	2 10	18 00
SALVIA (Sage)		
Edible, especially valuable for seasoning. 2 ft.	1 20	10 00
SEDUM, Stonecrop		
Acre, (Golden Moss), green foliage, yellow flowers. July. 4 inches.	1 40	12 00
Kamtschaticum. Orange-yellow flowers with prostrate, green foliage turning golden in autumn.	1 80	15 00
Sexangulare. Yellow flowers, very dark green foliage. May-June. 4 inches.	1 80	15 00
Spectabilis Brilliant, light green foliage, broad heads of rich rose-red flowers. August-September. 15 inches.	1 80	15 00

HARDY PERENNIAL PLANTS—Continued

VERONICA, Speedwell	Per 10	Per 100
Blue Peter, flower spikes of deep navy on stiff stems 15 to 18 inches tall. Heavy bloomer.	$ 2 10	$ 18 00
Crater's Lake Blue, light green leaves, tall spires of compact deep lake blue flowers.	2 10	18 00
Incana Heavenly Blue. A more vigorous Incana. The silver is lost in the foliage leaving them a clean apple green, flowers to 14 inches appear freely.	1 80	15 00
YUCCA FILAMENTOSA		
Creamy-yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July. From root divisions.	2 10	18 00

LILIES

Domestic Grown

	Per 10	Per 100
regale, flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.		
4 to 6 in.	$ 90	$ 7 00
speciosum rubrum. White back-ground, pink dots and shading of pink to carmine. Blooms in Sept. Grows 3 to 5 feet tall. Plant 6 to 8 inches deep.		
6 to 8 inches.	2 90	25 00
tenuifolium (Coral L). Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
2 to 3 in.	70	6 00
3 to 4 in.	1 00	8 00
4 to 5 in.	1 40	12 00
tigrinum, the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Double 4 to 6 in.	1 00	8 00
Double 6 to 8 in.	1 40	12 00

LILY-OF-THE-VALLEY. **(See Page 52)**

★TUBEROSES, (Mexican)

This is the best of all Tuberoses. Single flowering, very fragrant. Blooms July-Aug.		
No. 1 size	80	7 50

NOTE: Regular line of Spring Bulbs (Cannas, Dahlias and Glads) will be listed in the next price list.

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